# Datazo InfoTech

## Innovation power of Generation

# Let's Develop Software Together

# What is
# Datazo InfoTech?

We are a full-service software development company supporting clients throughout all project development stages

## 5+
Years in software development

**Datazo InfoTech is one of the 2023 winners of FinTech Awards at Wealth & Finance.**

## 50+
Skilled IT professionals

**We were recognized by Techreviewer for excellence in collaboration, innovation and outcomes**

## 93%
of clients come back with new projects

**Datazo InfoTech has been recognized as one of the Top 100 Fastest-Growing Companies on @Clutch!**

# Recognized By Industry Leaders

# Geographical Reach

**Countries where Datazo InfoTech Group works:**

● **Headquarters**
**Dhaka**

● **Our Entities**
Dev centers: Dhaka, USA, India

Offices: **Dhaka, USA + India coming soon**

○ **Clients And Projects**
20+ Countries

*Datazo InfoTech*
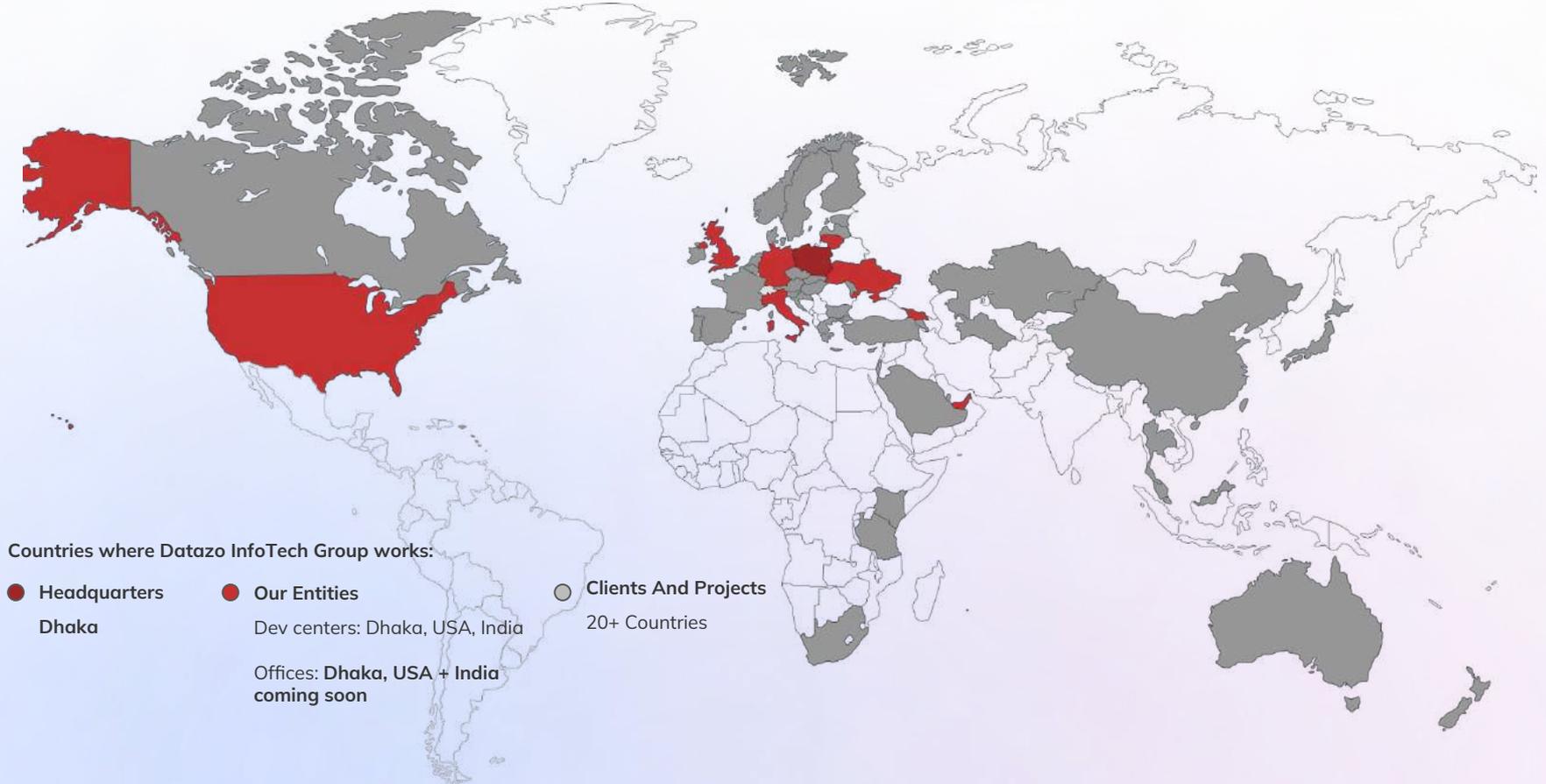
# We help with

## Custom software development

Turnkey product development and legacy software modernization

- One-stop shop for full-cycle software development, from business analysis and design to DevOps and maintenance
- Well-defined software development life cycle
- Project management
- Change request and risk management

## Staff augmentation and dedicated teams

Seasoned IT specialists to enhance your in-house team or join a project

- Extensive tech expertise (30+ languages and frameworks, 12 tech domains)
- 79% of specialists have senior and middle level
- 1-2 days to select and screen candidates, 3-5 days to join the customer's project team
- High employee retention rate

## IT audit and consulting

Optimising IT operations to boost their value to the business

- Business digitalization strategy (business-IT alignment)
- Refined IT operating model
- Recommendations on the choice of technologies and tools
- Roadmap on new solution or technology implementation
- Codebase audit & improvements

# Team: 50+ In-House Specialists

| Category | | | | |
|---|---|---|---|---|
| **Back-end development (20)** | Python | PHP | Ruby | Cobol |
| | Java | Node | C/C++ | Solidity |
| | .NET | Go | Rust | Elixir |
| **Front-end development (15)** | React | Vue | React Native | |
| | Angular | Svelte | | |
| **Mobile development (5)** | Kotlin | Swift | Flutter | Xamarin & .NET MAUI |
| **Design & XR (5)** | UX/UI | 3D | Unity | Unreal Engine |
| **Value delivery (10)** | QA | PM | DevOps | |
| | BA | AQA | DevSecOps | |
| **Platforms (15)** | Salesforce | SAP | MS Dynamics 365 | |

# Software Engineers And Developers

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## BACK-END

| | | |
|---|---|---|
| JAVA | GO | SOLIDITY |
| PYTHON | RUBY | UNITY |
| .NET/C# | C/C++ | UNREAL ENGINE |
| NODE.JS | RUST | ELIXIR |
| PHP | COBOL | SCALA |

## FRONT-END

REACT

ANGULAR

VUE.JS

JAVASCRIPT

TYPESCRIPT

## MOBILE

SWIFT

KOTLIN

FLUTTER

REACT NATIVE

XAMARIN, .NET MAUI

## CLOUD

AWS

AZURE

CGP

SAP

SALES-FORCE

# Industry Competence

| | | |
|---|---|---|
| eCommerce and retail | Logistics, supply chain and transportation | Architecture, real estate and construction |
| Finance, banking and insurance | Tourism and hospitality | Energy, oil and gas |
| Healthcare and life sciences | Media and entertainment | Public services and utilities |
| Education | Telecommunications | Agriculture |
| Manufacturing | Business management | Art and culture |
| Automotive | HR and recruiting | Ecology |

# Tech domains
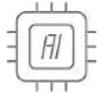
Artificial intelligence

Big data and data engineering

Internet of things

Machine learning

Business intelligence

Augmented & virtual reality

Optical character recognition

Data analytics & visualization

Real-time communication

Computer vision

Data science

Blockchain & NFT

Natural language processing

Cloud

Robotic process automation

# Whom we serve

## Consulting companies

- End-to-end software development
- Software modernization

## IT companies & enterprises with IT departments

- Dedicated teams
- End-to-end software development

## Businesses without IT department

- IT audit & digital transformation consulting
- End-to-end software development
- Software modernization
- Support and maintenance

## Startups

- IT audit & consulting
- CTO as a service
- End-to-end software development
- Dedicated teams

# Our clients

>70% of our clients come to us **by referral**

# Our Services

### IT outstaffing & dedicated development teams

We have a talent pool of 50+ skilled IT professionals to fill any gap in technological or industrial expertise in a few days

- Flexible hiring model

- Skilled developers, designers, QA engineers, business analysts, DevOps specialists, and others under your control

- We provide experienced Project Manager to free up your resources for core business activities

### IT outsourcing & full-cycle software development

We can cover 100% of your software development needs

- End-to-end development: analysis, design, development, QA, DevOps, and support

- Custom solutions: web and mobile development from scratch, modernization of existing systems, integration of advanced technologies

- Business automation: data analytics, BI-platforms, ML-powered solutions

### IT audit & consulting

We optimize IT operations to increase their value for your business

- Business digitalization strategy (business-IT alignment)

- Refined IT operating model

- Roadmap on new solution or technology implementation

- Technical analysis and codebase audit with recommendations

- Support for passing third-party audits, etc.

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# IT outstaffing & dedicated teams

**01** **Filling the skill gap**

Close the gap in your resources, headcount and expertise. We are a trusted provider of IT professionals with vast expertise throughout various technologies and domains.

**02** **Easily adjustable workforce**

Get a skilled software developer with relevant experience when you need it and keep for the duration of the entire project or individual phases.

**03** **Focus on your success**

Concentrate on your project while we take care of staffing, ensure smooth onboarding and deal with all personnel issues.

# IT outsourcing & custom software development

## Enabling digital transformation

- Consulting on digital transformation and business automation
- Turnkey software design and development
- Empowering businesses with advanced techs: ML, DS, blockchain, RTC, IoT, AR/VR/MR

## Streamlining business and IT operations

- Legacy applications support and upgrade
- Software migration and integration
- Data management and analytics
- Business processes automation

## Enhancing the quality of IT operations

- Quality assurance (manual & automated)
- Cybersecurity and SecOps
- DevOps and infrastructure support

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# IT audit & consulting

- **Digital transformation consulting**

Verification and planning of digital transformation initiatives tuned in with the business strategy to boost performance

- **Solution and product consulting**

Strategic guidance on prompt and reliable development and implementation of business-critical IT solutions and products

- **IT strategy consulting**

Bringing together a diversified IT landscape to make it work towards supporting current and new business processes and initiatives

- **Technology consulting**

Help with adoption and steady evolution of the technology prominent for the business growth

# Full-Cycle Software Development

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**01**

**02**

**03**

**04**

**05**

**06**

**07**

**Business analysis**
by domain-focused consultants

**Software architecture**
microservices, client-server, etc.

**Design and prototype**
UX research, UI/UX design

**Software development**
driven by Agile, DevOps, CI/CD

**Quality assurance**
continuous testing, high coverage with
unit tests, reasonable test automation

**Infrastructure configuration management**
based on DevOps and CI/CD practices

**Software support**
administration, troubleshooting, support

# Technologies: front-end

## React

React, Redux, MobX, NextJS, Gatsby, React-query, MUI, Jest, Cypress, Playwright, Storybook, React-Native, etc.

## Angular

Angular, NgRx, RxJS, NGXS, Formly, Ionic, Zone.js, Cordova, Angular Material, Protractor, Karma, etc.

## Vue.js

Vue.js, Vuex, Vue Router, Vue CLI, Vue Meta, Vue Test Utils, etc.

## Svelte

SvelteKit, Routify, Plenti, JungleJS, Svelte Native, Svelte Material UI, etc.

## JavaScript

TypeScript, jQuery, Electron, Lodash, RxJS, Apollo GraphQL, Single-spa, Nx, Rollup, Webpack, etc.

# Technologies: back-end
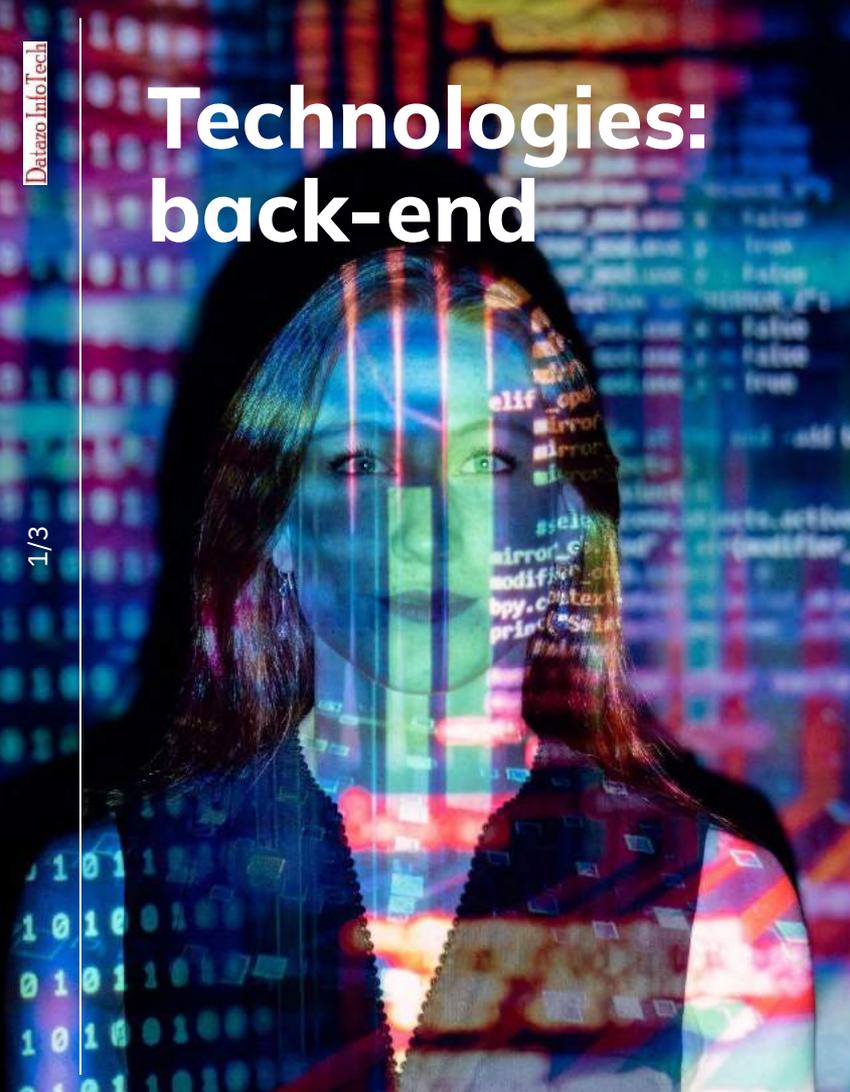
## Java

Java/J2EE, Spring, Hibernate, JPA2, QueryDSL, ActiveMQ, RabbitMQ, Apache Camel, MapStruct, Lombok, Kafka, Flyway, Docker, Kubernetes

## Python

Django, Django Rest Framework, Flask, FastAPI, AsyncIo, AioHttp, Tornado, Celery, Docker, Kubernetes, Apache Hadoop, etc.

## Golang

Go, gORGin, Fiber, Echo, protobuf, gRPC, AWS, GCP, Docker, Redis, Kafka, Mongo DB, PostgreSQL, Swagger

## .NET

.NET Core, ASP.NET MVC, WPF, WCF/Web Services, UWP, Xamarin.Forms, Sharepoint, Azure Cloud

## Node.js

NestJS, Koa, Express, RxJS, Mongoose, TypeORM, Sequelize, Passport, Knex, AWS (Lamda, EC2, RDS), GraphQL, PostgreSQL, etc.

## Ruby

Ruby on Rails, Sinatra, Volt, Hanami, Padrino, Rack, EventMachine, Sidekiq, GraphQL, Web Socket, Swagger, JWT, OAuth, etc.

# Technologies: back-end

## PHP

Drupal, Joomla, Magento, WordPress, Pimcore, Zend, CodeIgniter, Laravel, Symfony, vTiger, PrestaShop, Opencart, Shopify, webEdition, Bitrix, Frog, DUKPT, Yii2, REST/SOAP/ GraphQL API, OAuth, HTML, Twig, Swagger, ElasticSearch, Docker, Stripe, PayPal

## Rust

Rust, Rustup, Cargo, clap, structopt, argh, actix-web, gotham, nickel, rocket, axum, tide, warp, yew, wasm-bindgen, js-sys, web-sys, gloo. Games: amethyst, bevy, fyrox, piston, nannou, ggez, godot, raylib, SFML

## COBOL

COBOL, GnuCOBOL, VSAM, JCL, TSO/ISPF, XPEDITER, FileAid, Changeman, CICS, Hostbridge, SQL/DB2, Endevor, Visual Studio, TACL, FTP, SFTP, SCOBOL, DDL, ENFORM, eInspect, Batchcom.

# Technologies: back-end

## Unity 3D

Unity, Godot, Blender, Krita, Amplify Shader Editor, MapBox SDK, Unity IAP;  Firebase SDK

## Unreal Engine

Unreal Engine, C++, C, C#, Blueprints, UAT, UE4 Shader Graph, Unity URP HLSL, OpenGL ES, etc.

## C/C++

STL/C++11/14/17/20, GCC, CLang, MSVC++, WinDBG, GDB, Visual Studio, QTCreator, VIM, VSCode, CMake, Makefile, Ninja, Conan, Vcpkg, Boost, OpenCV, POCO, Protobuf, gRPC, fmt, pybindll, spdlog, ranges_v3, TensorFlow, OpenCL, Asio++, gtest/gMock, CppUnit, QT, Catch2, Cloud Profiler, PyTorch C++, Chromium.

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# Technologies: mobile

## iOS

Objective-C/Swift, MVP, MVVM, Clean Swift, SnapKit, GCD, Alamofire, URLSession, MapKit, CoreLocation, XCTest, CoreData

## React Native

React-Native, React-Navigation, Redux, Redux-Saga, TypeScript, StyleSheet, Firebase, Styled-Components

## Android

Java/Kotlin, MVP, MVVM, AAC, Dagger2, Hilt, RxJava 2, Coroutines, Retrofit, ViewBinding, Mockito, etc.

## Xamarin

Xamarin.Native (Xamarin.iOS, Xamarin.Android, Xamarin.Mac), Xamarin.Forms, Visual Studio, Electron

## Flutter

Bloc, Clean Architecture, Flutter, Dart async, RxDart, Dart Streams, Navigator 2.0, GetIt, Mocktail, SQFlite

## .NET MAUI

.NET MAUI Blazor, Visual Studio, .NET Core, REST/SOAP API backend, SQLite, XAML, Autofac

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# Technologies: design

## UI

Sketch, Figma, Adobe XD, InVision Studio, Proto.io, Marvel, Zeplin, Flowmapp, Balsamic, Hotjar, Adobe Collection

## UX

User interviews, focus groups, user story maps, MVT and A/B testing, UI review, usability testing, eye tracking, Google Analytics, Yandex.Metrica

## 3D

3D Studio Max, Corona Render, 3D Coat, Adobe Photoshop, Adobe After Effect, Unity, Amplify, Shader, ZBrush, Substance Painter, ShaderMap

# Technologies: quality assurance

## QA (manual testing)

**Types of testing:** functional and non-functional manual testing of web and mobile applications, compatibility testing, usability testing

**Tools:** SoapUI, Postman, Altair GraphQL Client, Swagger, Charles Proxy,  Fiddler, Android Studio, Genymotion

## AQA (automation testing)

**Tools:** Selenium, Selenide, Appium, RestAssured, Allure, JMeter, Postman, SoapUI, Docker, Selenoid, Selenium Grid

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# Technologies: DevOps & CI/CD

## DevOps

AWS, Azure, GCP, DigitalOcean, Hetzner, Oracle Cloud, Linode, Kubernetes, Terraform, CloudFormation, Ansible, Docker, Docker Compose, Bash, CI/CD, Linux administration, High Availability, HiLoad, Zabbix, Prometheus, Data Dog, ELK, Grafana

## CI/CD & Development

Git, Ansible, CloudFormation, Jenkins, Bamboo, GitLab, GitHub, Bitbucket CI/CD, Helm, Terraform, Terragrunt, Kubernetes Operators, IntelliJ IDEA

# Platforms

## Cloud

Amazon Web Services, Microsoft Azure, Google Cloud Platform, DigitalOcean

## eCommerce

Magento, PrestaShop, WooCommerce, CS-Cart, OpenCart, Shopify (API), Laravel, Yii, Joomla, Symfony, WordPress, etc.

## Enterprise

SAP, Atlassian, Jira, Microsoft, SharePoint, PowerBI, Salesforce
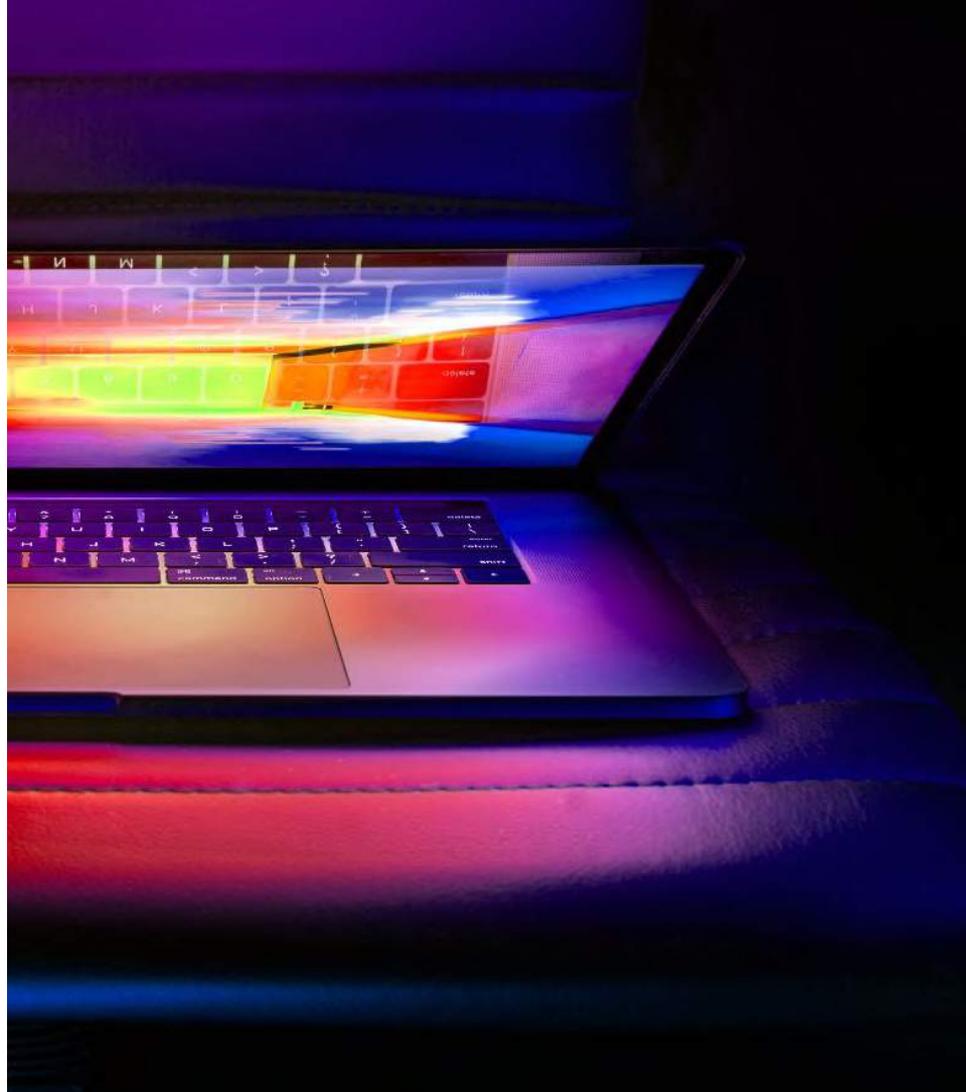
# Technologies & tools: BA & PM

## Business analysis

**Methodologies:** Waterfall, Scrum, Kanban, Scrumban

**Tools:** Jira, Confluence, Miro, Trello, Draw.io, Figma, Balsamiq, Slack, Microsoft Teams, etc.

## Project management

**Methodologies:** Waterfall, Scrum, Kanban, Nexus, SAFE

**Tools:** Jira, Confluence, TestTrail, Figma, Timbo, Miro, Bitbucket, Jenkins, GitHub, Slack, Microsoft Teams, etc.

# Technologies: data management

## RDBMS

MySQL, PostgreSQL, Oracle, Amazon RDS, Amazon Aurora, Azure SQL Database, H2

## NoSQL

MongoDB, Apache CouchDB, Apache Cassandra, Elasticsearch, Amazon DynamoDB, Azure DocumentDB, Azure Table storage, Azure Blob storage, Firebase, Neo4j, HBase

## Caching

Memcached, Hazelcast, Redis, Amazon ElastiCache, Azure Redis Cache, EVCache, Dynomite

## Searching

Apache Lucene, Elasticsearch, Amazon CloudSearch, Azure Search, Solr

# Advanced technologies

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## Machine Learning

TensorFlow, Keras, PyTorch, Sklearn, Theano, MXNet, ML.NET, Azure Machine Learning, OpenCV, OCR, Caffe, NLP, NLTK

## Data Mining

Scrapy, lxml, Beautiful Soup 4, Selenium

## Data Science

Pandas, Matplotlib, Seaborn, Plotly, NumPy

## Big Data

Apache Hadoop (Hive, HDFS, MapReduce), Apache Spark, Elasticsearch, Kibana, Logstash, Kafka (Pub/Sub in GCP), Snowflake, Tableau, PowerBI, Azure services (Databricks, Data Lake, CosmosDB, Blob Storage) and analogue GCP and AWS services

# Advanced technologies
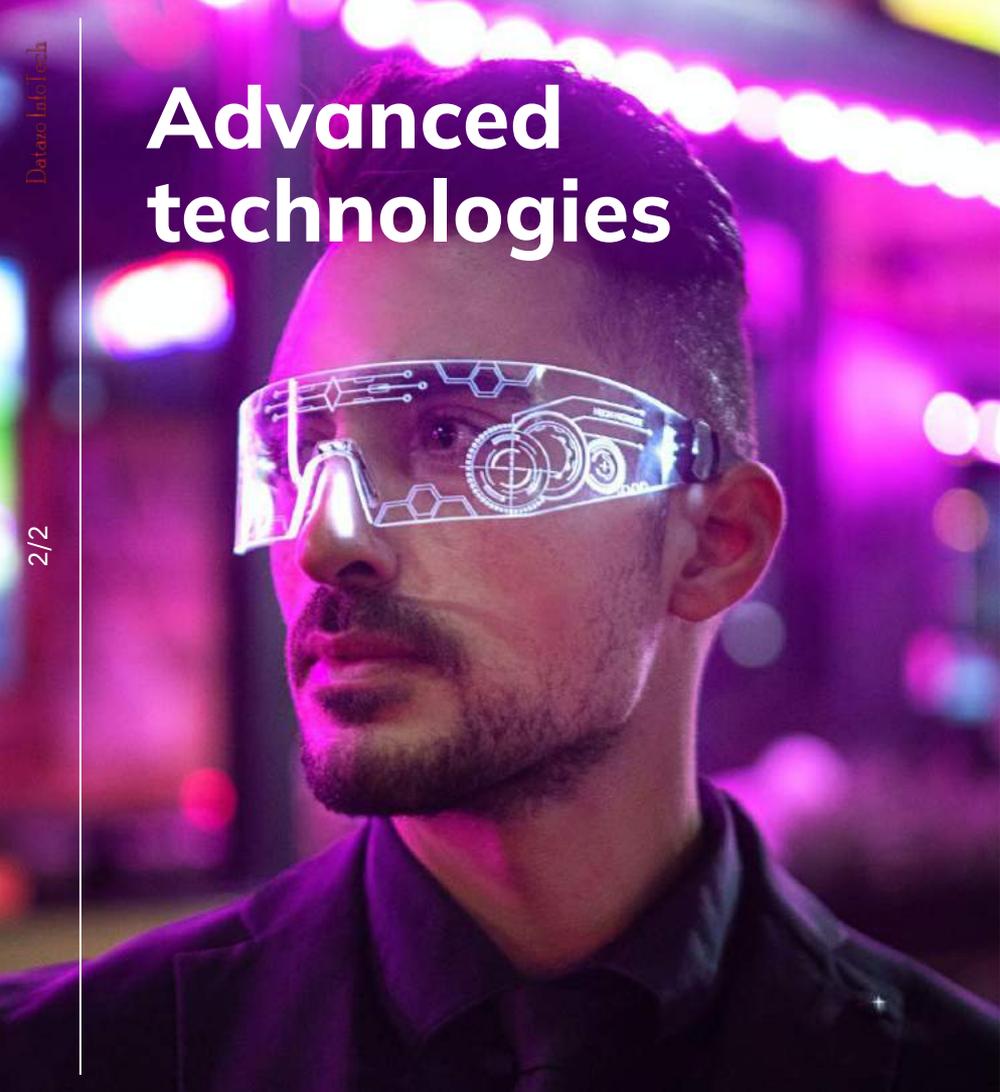
## Blockchain

Solidity, Vyper, Rholang, Hyperledger, Ethereum, Bitcoin, Dash, Ripple, Litecoin, Nem, EOS, Tether, Chain, Metamask, Mist, Remix, Solc, Truffle

## AR/VR/MR

ARCore, AR Foundation, ARKit, Vuforia; Google VR SDK,  Steam VR SDK; Unity XR Platform SDK

## IoT

Azure IoT, AWS IoT, AWS Timestream, Grafana, Cognito, OPC UA, Modbus, etc.

## RTC

WebRTC, VoIP, RTMPS, RTC-tools, Twilio, Google Cloud DataFlow, Amazon Kinesis, Azure Stream Analytics, Spark Streaming

# Value delivery

Ensuring an efficient development process and providing customers with excellent results is our responsibility. We have a special Value Delivery department with experts in charge of bringing value.

**01** **Research**

BUSINESS ANALYSTS

Bridge the gap between the business and IT analyzing business needs and processes to determine valuable software requirements.

**02** **Manage**

PROJECT MANAGERS

Responsible for effective day-to-day management of the project team members and work schedules.

**03** **Deliver**

DELIVERY MANAGERS

Ensure that services and products are seamlessly delivered to customers – on time, on budget and within scope.

# Business analytics

**15+** certified as a BA &
Agile specialists

## Project stages

### DISCOVERY

Our Business Analysts work on projects from the very start. They identify requirements, prepare a proposal for technical implementation, determine the project scope and the cost of development.

### DEVELOPMENT SUPPORT

After Discovery, we make sure to enable further development of your solution within Datazo InfoTech team. Business analysis expert allocated during Discovery continues to work on the project and ensures that all requirements are clear and met by the development team.

## Domain expertise

- FinTech & Banking
- Cryptocurrency
- Blockchain
- Insurance
- eCommerce & Retail
- MedTech
- eLearning
- HRM systems
- Media & Entertainment

# Project management

## Project coordination & tracking

Project processes management, task allocation, control of conformity with deadlines and quality standards.

## Project communication & reporting

Weekly project updates and status report, sprint and iteration reviews, daily stand-up with the team.

## Change management

Prompt review of change requests, implementation with consideration to the interdependencies.

## Domain expertise

- FinTech & Banking
- Cryptocurrency
- Blockchain
- Insurance
- Retail & eCommerce
- MedTech
- eLearning
- HRM systems
- Manufacturing
- Logistics
- Automotive
- IoT
- Oil & Gas
- Telecom
- Entertainment

# Delivery

## Project planning

Definition of project scope and resource requirements, setting timelines for deliverables, managing priorities.

## Project success assurance

Overseeing the project from start to finish, removing impediments, maintaining high performance.

## Risk management

Monitoring risks from the start, defining a mitigation plan for each risk.

## Domain expertise

- Machine Learning
- Digital Twins
- Blockchain
- Cryptocurrency
- Data Analytics
- FinTech & Banking
- eCommerce & Retail
- MedTech
- eLearning
- Business Management
- Media & Entertainment

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# Work models

### Consulting

You do not need to know the technologies to turn your idea into reality. We will consult you on the technical implementation of the concept, help you define requirements and prepare specifications to develop a turnkey solution from scratch.

### Turnkey product development

We are ready to develop a fully functional solution if you have technical specifications. Our team takes care of the whole project, from UI design to DevOps. You control and accept the deliverables, while everything else is on our side.

### Development outsourcing

We assign a dedicated development team with a Project Manager and Team Lead. Datazo InfoTech is in charge of resource management, task allocation and implementation control, while responsibility for the product itself remains on the client side.

### Staff augmentation

If you need an IT professional with specific skills or domain expertise, we are ready to provide an employee to your team. In this case, onboarding, management, tasking and monitoring is entirely under the client's control.

# How we cooperate:
# preparation stage

**Customer**

**Datazo InfoTech**

**01**
Request

**02**
Definition of business needs, project scope and requirements NDA

**03**
Requirements analysis

**04**
Solution proposal

**05**
Proposal approval

**06**
Signing a contract
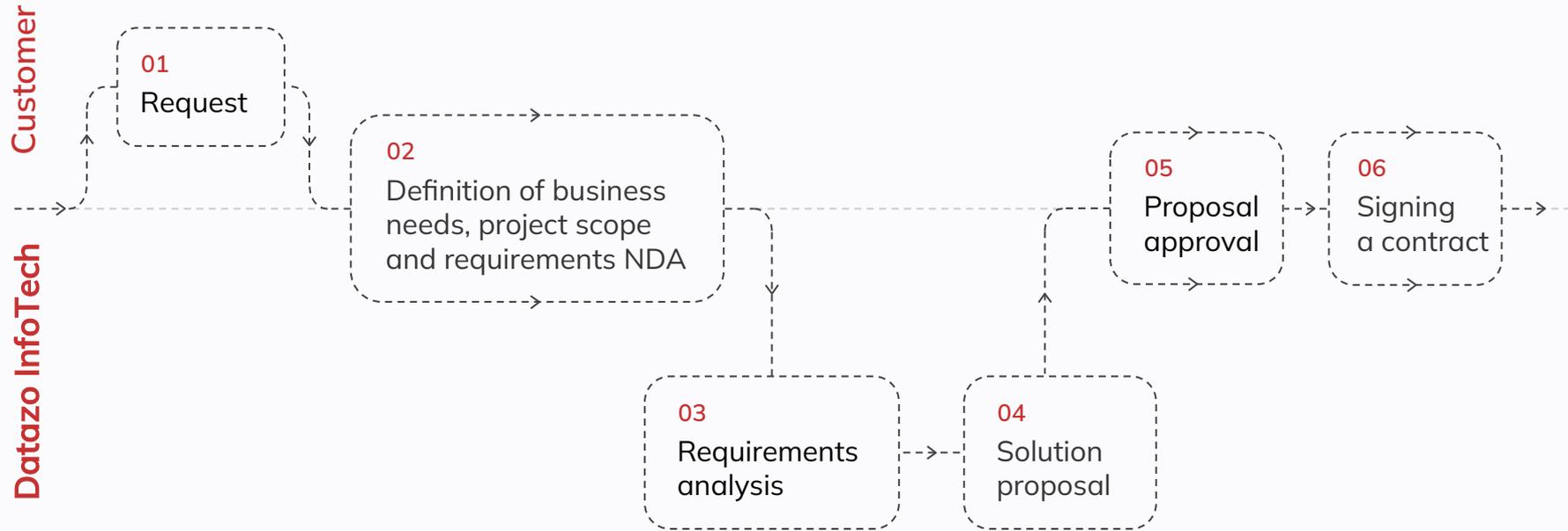
# How we cooperate:
## setup stage

**Customer**

**Datazo InfoTech**

**07**
Team setup

**08**
Environment setup

**09**
Choice of methodology, communication and tracking tools

**10**
Information transfer
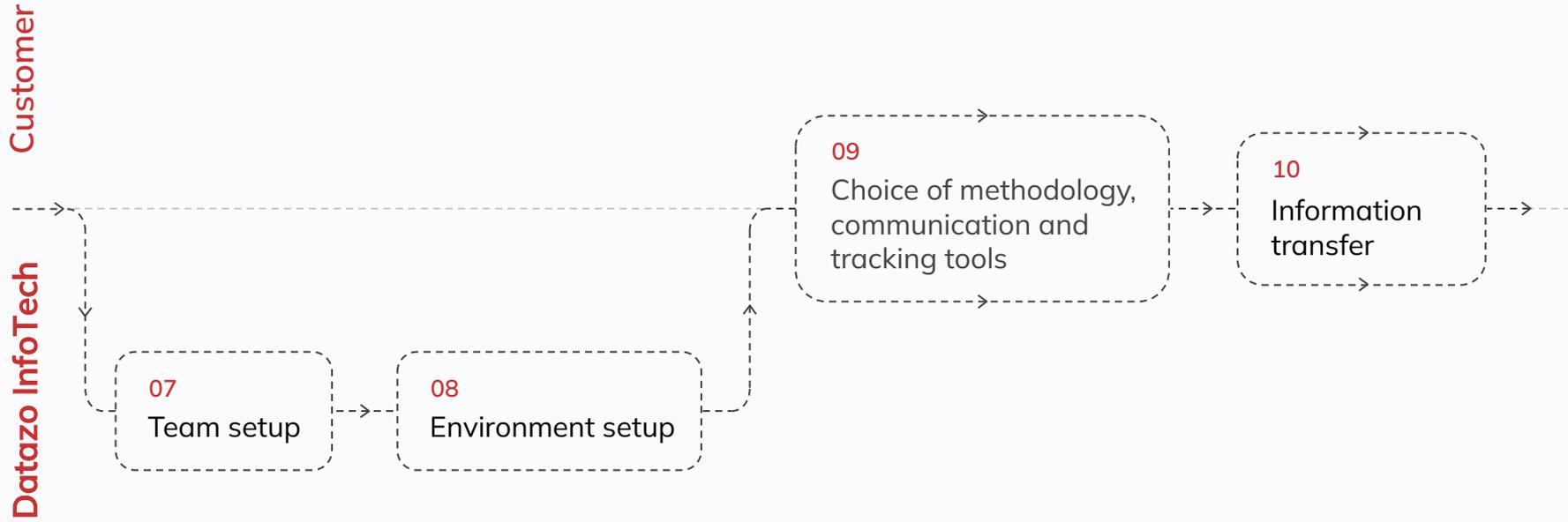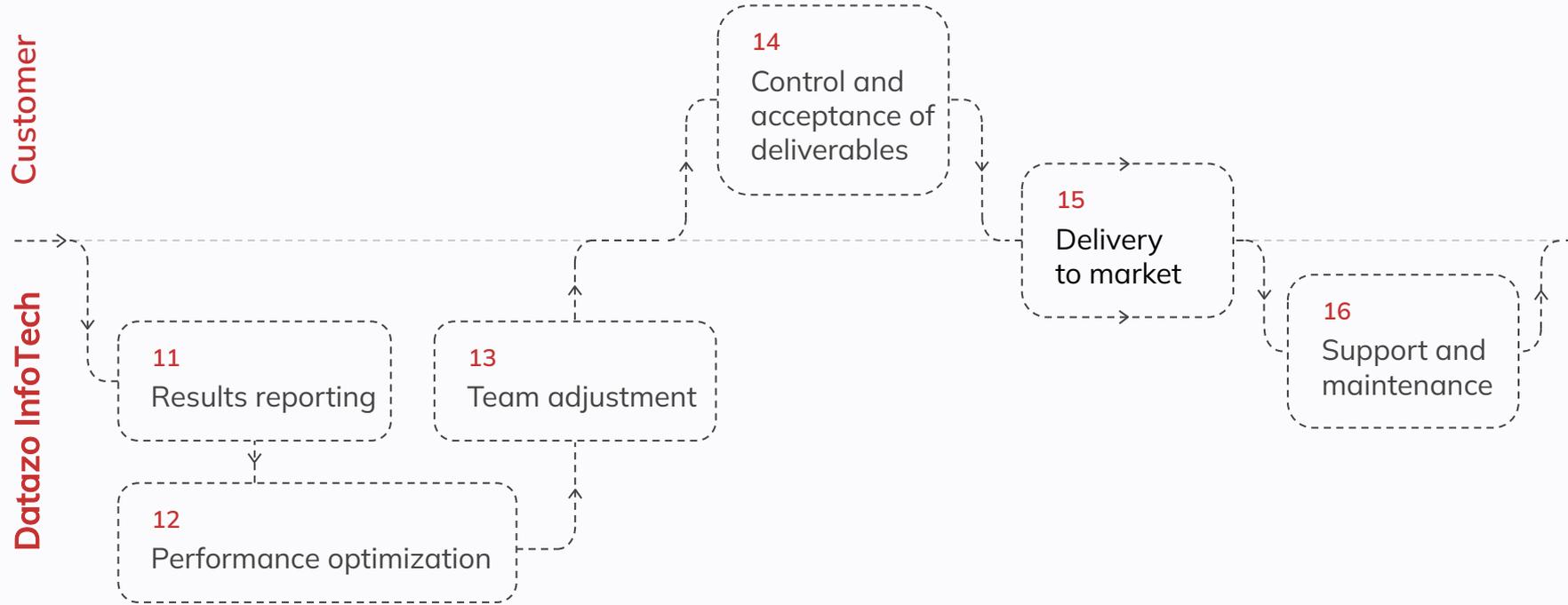
# What drives us

## WE DEVELOP THE WORLD

Whether it is software development or social and charitable projects, all we do has the goal to make the world better and more comfortable for people to live in.

## OUR VALUES

Do what we love.

Do our job well.

Take pride in the team.

Continuously evolve.

Work flexibly and openly.

Show the result.

# Corporate social responsibility

### Diversity

Datazo InfoTech rejects any form of discrimination and unites the most talented IT specialists regardless of their sexual identity, age, ethnicity, religious affiliation, etc.

### Professional development

We encourage professional growth and provide our team with regular learning opportunities. Also, we set up our own development training system Datazo InfoTech Lab, working in 4 cities.

### Comfortable environment

Everybody chooses a convenient work model (office, remote or hybrid) and flexible working hours. We enjoy ergonomic offices, sports activities, yoga, and VHI.

### Social activities

Our team actively participates in social events, help orphanages and animal shelters, holds open meetups and shares news in our mobile app.

# Why Datazo InfoTech?

**Vetted qualified developers** with hands-on experience, fluent English, and European mindset

**Flexible cooperation** to address the needs of your project at every stage

**Quick scale-up** within 2-5 days due to 50+ in-house employees

**Efficient project delivery** on time within budget and scope

**Sustainable quality** thanks to established processes and compliance with global standards

**Dedicated account manager** for consistent communication and in-time problem-solving

**Transparent costs** depending on the functionalities to be implemented or FTEs involved

**Compliance with customer requirements** and expectations and high security of customer data

# Testimonials

**"** Cooperation with such a reliable partner as Datazo InfoTech allows our team to focus on core business activities due to freed resources.

**TOPCON**

**Stefania Basciu**
Senior Manager

**"** Since 2020 we've been enjoying the services rendered by Datazo InfoTech to implement a strategically important project.

**n:aip**
Die care:manager

**Dr. Udo Richter**
Director

**"** Thanks to Datazo InfoTech, we were able to bring significant software functions to the market which resulted in higher number of customers that are willing to sign for our software solution.

**OneStop Pro®**
Simplify your business.

**Dominik Märkl**
Director

**"** Datazo InfoTech is a reliable tech partner, working as a part of our team. They are hardworking professionals, bringing strong expertise and dedication to everything they develop.

**WEB3PRO**
Palo Alto

**Jeff Mallett**
Co-founder

Datazo InfoTech

# Let's Develop Software Together

🌐 [datazoinfotech.com.bd](datazoinfotech.com.bd)

✉️ contact@datazoinfotech.com.bd

📞 +880 1785 78 40 40