

BORUT BALAZEK

Senior Software Engineer

info@bobalazek.com | bobalazek.com | github.com/bobalazek | linkedin.com/in/borut-balazek-41765a53 | Ljutomer, Slovenia, Europe

SUMMARY

Senior Software Engineer with 14+ years of experience building and scaling full-stack and data-intensive products. Joined an EdTech platform as the first developer alongside the CTO and helped scale it from tens of thousands to millions of users, and later worked as a hands-on Founding Engineer / CTO on a real-time market intelligence platform. Experienced across TypeScript, Node.js, React, PostgreSQL, cloud infrastructure, DevOps, performance work and technical leadership, while remaining hands-on in the code.

CORE TECHNOLOGIES

Languages	TypeScript, JavaScript, PHP, Python
Frontend	React, Next.js, React Native, Tailwind, Redux
Backend	Node.js, NestJS, Symfony, CakePHP
Data	PostgreSQL, MySQL, Redis, ClickHouse, Cassandra, MongoDB, Elasticsearch
Infrastructure	Docker, Kubernetes, AWS, GCP, Azure, CI/CD
Queues & Messaging	Kafka, RabbitMQ, BullMQ
Testing & Observability	Jest, Cypress, Grafana, Loki

EXPERIENCE

Founder & Senior Software Engineer - Independent Consultancy

Corco Labs d.o.o. (previously Corcosoft, Borut Balazek s.p.) | Aug 2012 - Present

Founded and operate an independent software consultancy delivering full-stack products, integrations and infrastructure for startups, SMEs and enterprise organisations. Long-term contract engagements are invoiced through the consultancy and listed separately below.

- Built and delivered custom software for companies including Philips, RWE, Innogy, Danone and Les Mills, across full-stack development, cloud infrastructure, DevOps and technical leadership.
- Delivered projects across FinTech, IoT, Energy and EdTech, including internal tools, business platforms and customer-facing applications.
- Owned engagements end to end: requirements and planning, architecture, implementation, deployment, and long-term maintenance.
- Worked directly with clients across the US, UK, Germany, Austria, Switzerland and Slovenia, translating business requirements into technical decisions.

Founding Engineer / CTO - Hands-on Engineering

MarketAlerts.ai | May 2024 - Mar 2026

- Helped build an AI-powered market intelligence platform covering more than 20 global markets in real time, spanning web app, mobile app and CMS.
- Designed and built the backend and data platform: a monorepo of 100+ API endpoints, scheduled Airflow pipelines, crawlers and ETL workflows over SEC filings, news and market data.
- Built LLM-based classification using hierarchical GPT models to categorize financial signals, powering AI watchlists and investor-facing insights.
- Owned architecture and infrastructure, including the cloud migration from AWS to GCP.
- Contributed across development, DevOps and product direction as part of the founding team.

Senior Full-Stack Engineer / Consultant

Edukey Education Ltd | Nov 2015 - Dec 2023

Long-term contract engagement, invoiced through Corco Labs d.o.o. - which is why the dates sit inside the consultancy period above.

- Joined as the first developer alongside the CTO and helped scale the platform from tens of thousands to millions of users.
- Modernized the product incrementally: rebuilt the legacy web application from jQuery to React, and migrated the mobile app from native Android to React Native across both Android and iOS.
- Introduced a more structured development process with GitFlow, CI/CD pipelines, Docker, Kubernetes and Cypress testing.
- Improved performance and scalability through SQL query optimization and other backend improvements.
- Mentored junior developers, worked closely with QA on testing practices, and contributed to infrastructure planning and broader technical decisions as the platform grew.

Web Developer

Alstar d.o.o. | Dec 2011 - Jan 2013

- Built and maintained websites, e-commerce solutions and business integrations for clients, from implementation through deployment and ongoing maintenance.

SELECTED PROJECTS & OPEN SOURCE

Babylon.js	Contributor to the open-source WebGL 3D engine.
Metis	Financial news aggregation and AI classification system processing 100K+ articles daily.
MoaiTime	Open-source productivity platform: calendar, tasks, habits, notes.

EDUCATION

Software Developer

School of Electrical and Computer Engineering Ptuj | 2007 - 2011

Focused on software development, databases, networking and computer systems.

LANGUAGES

English - Fluent | German - Fluent | Slovenian - Native