BORUT BALAZEK

SOFTWARE DEVELOPER

CONTACT

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📍 Ljutomer, Slovenia, Europe

SKILLS

LANGUAGES

- HTML
- CSS
- Javascript
- Typescript
- PHP
- Python

FRAMEWORKS

- React
- Next.js
- NestJS
- React Native
- Symfony
- CakePHP

DATABASES AND QUEUES

- PostgreSQL
- MySQL
- Redis
- ClickHouse
- Cassandra
- MongoDB
- Elasticsearch

ABOUT ME

Senior Software Developer with 12+ years of experience architecting and scaling platforms from thousands to millions of users. Proven track record of leading development teams, driving technical innovation, and delivering enterprise solutions across FinTech, IoT, and EdTech sectors. Expertise in full-stack development, DevOps practices, and establishing robust development workflows.

EXPERIENCE

- **Aug 2012 - Present**
  Corcosoft, Borut Balazek s.p.
  Full-Stack Developer / Self-Employed
  - Built and delivered custom software solutions for established companies including Philips, RWE, Innogy, Dannon, and LesMills
  - Developed diverse projects across multiple sectors:
    - FinTech: Investment platforms with AI-driven analytics
    - IoT: Device monitoring and management systems
    - Energy: Usage tracking and reporting platforms
    - EdTech: Learning management solutions
  - Technical implementation using:
    - Frontend: React, Angular, Next.js
    - Backend: NestJS, Symfony, CakePHP
    - Mobile: React Native, Ionic
    - Testing: Jest, Cypress
  - Implemented DevOps practices using Docker, Kubernetes, GitHub Actions, and cloud platforms (GCP, AWS)
  - Contributed to open-source projects including Babylon.js and Synaptic, while maintaining 50+ personal development projects
  - Established strong working relationships with clients across US, UK, Germany, Austria, Switzerland, and Slovenia

- **Nov 2015 - Dev 2023**
  Edukey Education
  Senior Full-Stack Developer / Consultant
  - First developer hire alongside CTO, instrumental in scaling applications from tens of thousands to millions of users

- Kafka
- RabbitMQ

DEVOPS

- Docker
- Kubernetes
- AWS
- GCP
- Azure

LIBRARIES

- Tailwind
- Redux
- BullMQ
- Babylon.js
- Three.js

TOOLS AND TESTING

- Git
- Vite
- Turborepo
- Grafana
- Loki
- Jest
- Cypress

LANGUAGES

- English - fluent
- German - fluent
- Slovenian - native

TRAITS

- Proactive
- Reliable
- Dedicated
- Detail-oriented
- Self-motivated

INTERESTS

- Formula 1
- Sim racing
- 3D printing
- Music production
- Photography

- Led frontend and mobile development initiatives:
  - Modernized legacy web application from jQuery to React
  - Converted Android native app to React Native, expanding to both Android and iOS platforms
- Established core development practices:
  - Implemented GitFlow workflow and CI/CD pipelines
  - Set up containerization with Docker and Kubernetes
  - Introduced end-to-end testing with Cypress
- Played key role in technical leadership:
  - Mentored junior developers and guided existing team members
  - Trained QA team in JavaScript and Cypress testing practices
  - Led cloud migration planning from GCP to AWS
- Focused on performance optimization:
  - Improved database efficiency through SQL query optimization
  - Enhanced application performance and scalability

Dec 2011 - Jan 2013
Alstar d.o.o.
Web Developer

- Developed custom websites and e-commerce solutions using Joomla! and Prestashop
- Built and maintained client-specific plugins and themes
- Implemented custom CRM solutions using Vtiger platform
- Provided technical support and maintenance for business clients
- Managed end-to-end website development projects from requirements to deployment

EDUCATION

2007 - 2011
School of Electrical and Computer Engineering Ptuj
Software Developer

- Key areas of study:
  - Computer Science fundamentals including algorithms, data structures, and system architecture
  - Multiple programming languages with focus on software development principles
  - Database design, SQL, and data management systems
  - Network protocols, infrastructure, and security
  - Computer hardware and system maintenance
- Final Year Project: SchoolBase
  - Student grade tracking and attendance management
  - Digital timetable system
  - Student-to-student communication platform
  - School event organization and tracking
- Built using PHP, MySQL, and JavaScript
- First experience with full-stack application development and user-centric design