

Bojan Elez

Software Engineer (Backend / Full-Stack)

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Summary

Software Engineer with 7 years of professional experience delivering production systems with a backend-primary focus, supported by strong frontend execution. Hands-on experience with Node.js services, REST APIs, and SQL-based data models across data-intensive platforms. Worked on financial dashboards, inspection systems with offline synchronization, and blockchain-backed tracking solutions. Strong emphasis on data consistency, validation, performance, and reliability in real-world production environments.

Experience

Software Engineer · Orion Innovation

Dec '23 - Present

- Contributed as a Full-Stack Engineer on a global wealth management SaaS platform operating in a regulated financial environment.
- Integrated frontend applications with backend REST APIs to support data-heavy financial dashboards used by advisors and investors.
- Worked closely with backend engineers on API contracts, error handling, and data validation requirements.
- Supported workflows requiring strict correctness and consistency of financial data across multiple modules.
- Participated in testing, validation, and code review processes to ensure reliability and compliance with financial data standards.

Software Engineer · Vega IT

Nov '22 - Nov '23

- Delivered full-stack functionality for a PWA inspection platform, combining Node.js backend services with React-based client applications.
- Developed REST APIs using Node.js and Express to support offline-first workflows, including ingestion, validation, and persistence of structured inspection data.
- Designed and implemented SQL-backed data models to store inspection results, enforce data consistency, and support later reconciliation.
- Supported offline data synchronization logic, ensuring reliable recovery and consistency once connectivity was restored.
- Contributed to a blockchain-based tracking system by implementing backend services supporting secure material traceability across the material lifecycle.
- Integrated backend services with frontend dashboards to expose inspection results and lifecycle data to operational users.

Frontend Developer · EXLRT

Dec '20 - Oct '22

- Worked on API-driven frontend applications integrated with backend services and CMS platforms.
- Collaborated with backend teams to implement data fetching, error handling, and API-driven UI states.
- Supported performance optimization and accessibility improvements on data-driven views used by global users.

Full-Stack Developer · Innovation Cloud

Dec '18 - Dec '20

- Developed backend functionality using PHP and MySQL to support innovation management workflows.
- Designed, optimized, and maintained SQL queries to improve data accuracy and reduce response times.
- Implemented server-side logic to support CRUD operations and data validation across multiple platform modules.
- Built end-to-end features spanning database, backend logic, and frontend presentation layers.

- Progressed from intern to full-time developer based on consistent delivery and ownership of backend tasks.

Skills

Backend: Node.js, Express, REST APIs, SQL, Data Modeling, Backend Integration

Frontend : React, TypeScript, Redux, HTML, CSS

Databases & Data: SQL, Relational Data Modeling

Testing & Tooling: Jest, React Testing Library, Git, CI/CD

Education

Faculty of Engineering, University of Kragujevac | BSc

Grad 2015

Mechanical Engineering

Certifications

AWS Certified Cloud Practitioner (CLF-C02) | Amazon Web Services, 2026