

Zvonimir Petar Rezo

Full-Stack Product Engineer

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Full-Stack Product Engineer with five years in production, building complex web and mobile products across React, TypeScript, Java, Spring Boot and PostgreSQL. Owns problems end to end: diagnosis, design, rollout and monitoring, in direct contact with client product teams. Proven on performance-critical APIs, offline-first mobile workflows and safe migrations of live systems.

EXPERIENCE

Deegloo d.o.o. · Full Stack Engineer

Jun 2024 – Present

Client: Ever.Ag, US dairy supply-chain platform. Embedded with the client's product and engineering teams.

- Cut production API response times by approximately **70%** with a CDC-driven read model: versioned PostgreSQL JSONB payloads refreshed through Debezium and RabbitMQ. Measured on production logs and APM traces.
- Moved nine public and internal endpoints to the new read path with media-type versioning and a per-request feature flag, so every step was reversible and no consumer broke.
- Replaced five drifting copies of an offline-first custody workflow in the React and Ionic field app with one shared subsystem: a two-tier draft model with stable local ids and IndexedDB persistence that survives the app being killed mid-flow.
- Restructured the field app's state and routing into domain modules while preserving existing imports and persisted workflow state, with no downtime for users in the field.
- Own features from definition to release, working directly with the client's product team on scope, trade-offs and rollout.

EPAM Systems d.o.o. · Software Engineer

Nov 2022 – Jun 2024

Client: Travel + Leisure Co., US. Enterprise platform serving 100+ brand websites.

- Built the React and TypeScript architecture that separates shared templates from per-brand customisation across **100+** production websites, defining the boundaries with the client directly.
- Delivered reusable frontend components and REST integrations with distributed product, design, QA and engineering teams.
- Worked in continuous delivery: code review, automated testing and CI/CD pipelines across the brand estate.

Ericsson Nikola Tesla d.d. · Software Engineer

Jun 2021 – Oct 2022

Internal enterprise tools for telecommunications workflows.

- Built Java backend components for data processing, reporting and system integration, plus the frontends that used them.
- Improved reliability and maintainability of data-handling workflows and backend service logic used in daily operations.

Freelance client engagement · Lead Full-Stack Developer

2025

White-label iGaming platform, delivered as a deployed client demo. Client not disclosed.

- Designed and built asynchronous deposit and withdrawal journeys: two-phase settlement against an external service, transactional ledger writes, compensating refunds on classified failures and real-time status over WebSockets.
- Led the platform's migration from a third-party game economy to a first-party token currency and credential-based authentication, retiring the legacy payment and item-trading subsystems behind a single ledger.

Quantum Solutions · Full-Stack Developer, part-time

Jul 2022 – Jun 2023

Construction Works Estimator, alongside full-time work.

- Built a cost and quantity planning tool for construction works end to end, from data model to interface, in Java, Spring Boot, React and PostgreSQL.

SKILLS

Frontend: React, Ionic, Next.js, TypeScript, Redux, responsive UI, accessibility

Backend and data: Java 21, Spring Boot, Node.js, REST, WebSockets, PostgreSQL, MySQL, RabbitMQ, Debezium

Engineering: System design, API versioning, performance, offline-first sync, testing, CI/CD, monitoring

EDUCATION

University of Zagreb, FER · MSc Computer Science

2018 – 2023

Faculty of Electrical Engineering and Computing. Thesis: *Predictive methods and text analysis for forecasting tennis match outcomes.*