Žan Hrastnik

Full-Stack Engineer — Java · .NET/Angular · React Native · Docker

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Full-stack engineer with 3 years building data-heavy systems in Java, .NET and Angular. Sole maintainer of two operational systems and a developer on the Slovenian Police next-generation field application used for traffic-violation stops. Registered in Slovenia as Žan Hrastnik, računalniško programiranje OakByte s.p. (sole trader); EU citizen; available for EU-remote B2B contracts, full-time or part-time.

EXPERIENCE

Oktanet d.o.o. — Full-Stack Engineer — Remote · Jul 2024 – Present

- Build Java applications with computer-vision components; work with SQL Server and PostgreSQL.
- Develop the next-generation ePolicist field application: Angular/Capacitor client, .NET and Java/Spring services, and JasperReports reporting, used for traffic-violation stops.
- Sole maintainer of two operational systems, covering releases, fixes and database changes.
- Containerise services with Docker.

BIRO B.J.C. — Project Lead & Lead Developer — Ljubljana · Jul 2023 – Sep 2023

- Built a React Native application with a Firebase backend.
- Led the NiceMice project and a React auction application.

Stroka produkt — Web Developer — Sep 2022

Built a Blazor web application under mentor guidance.

DB Valletta — Web Developer — Malta · Sep 2021 – Oct 2021

Built WordPress websites and a PHP web solution for businesses.

SELECTED PROJECT

Parcelko — Solo Product Engineer — Internal testing

- Map-first land due-diligence product that turns 39 public land-data files into one plain-language verdict.
- Owned UI/UX, application logic and product decisions; AI-generated implementation under my direction.
- Stack: Next.js, FastAPI, PostgreSQL/PostGIS, MapLibre.

SKILLS

Languages: Java, C#, JavaScript/TypeScript, Python, SQL, PHP

Frameworks: Spring, .NET, Angular, React Native, Next.js, Blazor, FastAPI, Flutter/Dart

Data: PostgreSQL, PostGIS, SQL Server, Firebase

Tools: Docker, Debian Linux, Git/GitHub, JasperReports, MapLibre

Also: MCP and local-model tooling (personal projects)

EDUCATION

Higher Vocational Diploma in Informatics — Šolski center Velenje — 2023 – 2026

Computer Science and Informatics — University of Ljubljana, FRI — 2022/23 · transferred

Computer Technician — Šolski center Velenje — 2018 – 2022

LANGUAGES

Slovenian — native · English — fluent