Mihailo Tomišić

Senior Software Engineer

Novi Sad, Serbia cv@tomisic.dev github.com/tomisicm linkedin.com/in/mihailo-tomisic

PROFILE

Fullstack engineer with a backend focus, an applied mathematics background, and nine years across e-commerce, healthcare, scientific data, and energy. I work best as the connective tissue in a team — turning ambiguous requirements into a plan, and keeping the people around me unblocked.

EXPERIENCE

Senior Software Engineer
Mar 2026 — Present

EPAM Systems

- Built a mobile-first PWA that also works on desktop: pulls data from Fabric and Postgres, processes it with an LLM, and returns the result to the user.

Tech · Next.js, React, TypeScript, Node, Postgres, Redis, Tailwind, Fabric, OpenAI API

Senior Software Engineer
Jun 2022 — Mar 2026

EPAM Systems · client: AstraZeneca

- **Building a compound-data platform (PubChem-like) for scientific search and comparison workflows.**
- Bootstrapped two mid-sized projects from greenfield architecture through production release and ongoing support.
- Built data extraction and transformation automation with the R&D team, replacing manual pipelines.

Tech · TypeScript, React, Next.js, GraphQL, Node, PostgreSQL, Redis, AWS, Snowflake, Redshift

Senior Software Engineer
Oct 2021 — Jun 2022

Vertrical

- Built scalable, compliant digital medical services on a NestJS microservice architecture.
- Concentrated test coverage on the highest-risk paths and documented the systems through their support lifecycle.

Tech · NestJS, React, Gatsby, PostgreSQL, Elasticsearch, RabbitMQ, Docker, GCP

Fullstack Software Engineer
2019 — Sep 2021

BeeIT

- Delivered e-commerce PWAs on Magento 2 and Vue Storefront, extending and upgrading existing codebases.
- Integrated third-party services and mentored junior developers through delivery.

Tech · Magento 2, Vue Storefront, React, Express, MySQL, Elasticsearch, Docker

QA & Automation Engineer
2017 — 2019

- Defined test specifications with engineering, ran root-cause analysis, and maintained defect reporting.
- Built and executed automated test suites, reducing manual regression effort.

Tech · Java, Python, Selenium, TestRail, Jira

SKILLS

Languages	TypeScript · JavaScript · Python · SQL
Backend	Node.js · NestJS · Express · GraphQL
AI & LLM	DeepSeek & open-weight models · OpenCode · GitHub Copilot · Claude (certification in progress) · LLM integration
Frontend	React · Next.js · Vue · Gatsby · Tailwind
Data	PostgreSQL · MySQL · MongoDB · Elasticsearch · Redis · Redshift · Snowflake
Platform	Docker · Kubernetes · AWS · GCP · CI/CD

EDUCATION

MSc, Financial Mathematics — University of Novi Sad, 2014–2017

BSc, Applied Mathematics — University of Novi Sad, 2010–2014

LANGUAGES

Serbian (native) · English (professional)