

Personal details

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Skills

- JavaScript (ES6+)
- TypeScript
- Python
- PHP
- HTML5
- CSS3
- React.js
- Next.js
- Tailwind CSS
- Responsive UI/UX
- Node.js
- Express.js
- REST APIs
- Backend Architecture
- MySQL
- MariaDB
- MongoDB
- Vercel
- Render

PROFILE

Full-Stack Developer and Software Engineer with hands-on experience building production-grade web applications, internal business software, IoT systems, and distributed web platforms. Experienced in backend architecture, REST APIs, database systems, analytics infrastructure, and modern React/Next.js applications. Led backend development within a 40+ member interdisciplinary Scrum team and developed an internal ERP and manufacturing system actively used in production for over two years. International experience through an Erasmus+ placement in Croatia, focused on end-to-end IoT systems.

EDUCATION

- Bachelor of Information Technology** Present
- CEPS College
- Currently in 2nd Year

COURSES

- Meta Full Stack Developer Professional Certificate — Meta / Coursera**
 - 10 professional modules
- Meta React Specialization — Meta / Coursera**
 - 2 professional modules
- JavaScript Frontend Developer Certificate — IT Academy**
- Internet of Things Certificate — Veleučilište u Karlovcu — Croatia**

INTERNSHIPS

- IoT Systems Developer — Erasmus+ Internship** May 2026 - Aug 2026
- Veleučilište u Karlovcu, Karlovac, Croatia
- Designed and developed an end-to-end IoT monitoring system for real-time environmental and hardware telemetry.
- Integrated Raspberry Pi and sensor hardware with custom backend infrastructure.
- Developed backend services using Node.js and Python for processing and storing telemetry data.
- Built a Next.js dashboard for real-time visualization of sensor and system metrics.
- Worked in an international technical environment through the Erasmus+ mobility program.
- Lead Backend Developer — Scrum Project** Nov 2023 - Apr 2024
- IT Academy, Sarajevo
- Led backend architecture and development within an interdisciplinary team of 40+ members.
- Designed and implemented REST APIs, backend structure, and database architecture.

SELECTED PROJECTS

- Production ERP & Manufacturing Management System**
- Node.js / PHP / MySQL / JavaScript / React
- Internal ERP and manufacturing software used in an active production environment for over two years. Automates material dimensions, profile cutting requirements, production norms, and dynamic pricing while streamlining real-world manufacturing workflows.
- Custom Web Analytics Platform**
- Next.js / Node.js / Express / MariaDB / JavaScript
- SaaS-style analytics platform with a lightweight custom JavaScript tracker for collecting website events with minimal performance impact, backed by custom processing, storage, and an analytics dashboard.
- Commercial Web Applications**
- Next.js / React / PHP / JavaScript
- Production applications for international and local clients, including a German client, hospitality businesses, and other commercial organizations, with emphasis on performance, responsive design, SEO, and maintainable architecture.
- AI-Powered Discord Infrastructure**
- Node.js / Discord API / Gemini AI
- AI-powered Discord bot infrastructure integrating Gemini AI to interpret complex rules and provide automated assistance within a roleplay community.