MATEJ PAUS



Senior Software Engineer

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PROFESSIONAL SUMMARY

Software engineer with **8+ years of experience** and **16 delivered projects** across web, AI, and cloud. Combines hands-on backend and full-stack development with software architecture and production delivery. Strong focus on performance, scalability, and solving complex technical problems, with experience mentoring engineers and guiding projects from research to launch.

PROFESSIONAL EXPERIENCE

Adamant Code | Chief Technology Officer

Dec 2024 - Oct 2026 | Remote

- Combined hands-on development with architecture and technical direction across applications, backend services, databases, and cloud infrastructure.
- Reviewed code and architecture, guided developers, and established engineering standards.
- Managed technical delivery, including requirements, estimates, deployment pipelines, monitoring, and production reliability.

Kantun Devs | Software Solutions Architect

Dec 2023 - Dec 2024 | Rijeka, Croatia

- Designed systems spanning web and mobile applications, backend services, reporting, databases, and cloud infrastructure.
- Evaluated technologies and defined approaches to system integration, scalability, performance, and security.
- Conducted code and design reviews, mentored engineers, and guided development teams through delivery.

Kantun Devs | Senior Software Engineer

Aug 2021 - Dec 2023 | Rijeka, Croatia

- Developed dashboards, online ordering services, automated backend services, and third-party integrations.
- Worked with TypeScript and Node.js, covering database management, performance optimization, code quality, and security.
- Contributed to technical decisions, code reviews, and mentorship before promotion to Software Solutions Architect.

Freelance Software Developer

Mar 2022 - Nov 2024 | Remote

- Delivered frontend, backend, and database solutions using Next.js, Node.js, MySQL, and Vercel.
- Worked directly with clients on requirements, architecture, user experience, and project delivery.

iOLAP | Full-stack Developer

Jun 2018 - Aug 2021 | Rijeka, Croatia | Now Elixirr Digital

- Progressed from an internship to a mid-level full-stack development role.
- Developed dashboards, online ordering services, backend automation, and third-party integrations.
- Recognized as **Employee of the Quarter** by Dickey's offshore team in **Jan 2019 and Jan 2020**.

CORE TECHNICAL SKILLS

Languages and backend: TypeScript, JavaScript, Python, Node.js, REST APIs, GraphQL, microservices

Frontend: React, Next.js, HTML, CSS

Databases and data: PostgreSQL, MySQL, Amazon Redshift, Apache Airflow, ETL pipelines

AI: AI agents, retrieval-augmented generation (RAG), chatbots, GPT, Claude, Gemini, OpenAI Realtime

Cloud: AWS, Google Cloud, Azure, Vercel, Firebase, Heroku

Engineering practices: Code reviews, CI/CD, performance optimization, production monitoring

SELECTED PROJECTS

Dickey's Barbecue Pit

Solutions Architect & Developer

Worked across online ordering, dashboards, mobile applications, virtual brands, point-of-sale, and business intelligence systems. The online ordering applications serve **300,000+ people per month**.

Internal AI Platform

Technical Ownership & Development | Confidential client

Built a confidential platform with five agents covering compliance, content generation, reporting, smart alerts, and custom dashboards, alongside Apache Airflow data pipelines. Supports **44 internal users** and processes approximately **220,000 data rows per day on average**.

Leelou (TNM Coaching)

Technical Ownership & Development

Built a multilingual AI coach with text and voice, cross-session memory, follow-ups, and privacy-conscious reporting. In a 27 Aug 2026 analytics snapshot, **95% of onboarded regular users completed a session**, with sessions averaging **13 minutes**.

AI Klinik Assistant

Technical Ownership & Development

Built a Danish phone assistant connecting OpenAI Realtime and Twilio with CRM and booking systems. Handled **975 calls** and recorded **56 bookings in early production**.

Musicology

Technical Ownership & Development

Consolidated the company's entire business process into one event-planning application.
The application has been used to create **70+ events**.

EDUCATION

Bachelor's degree in Telematics

Polytechnic of Rijeka | 2015 - 2019

Dean's Award, academic year 2017/2018 - awarded May 2018.

LANGUAGES

English: Professional working proficiency | **Italian:** Limited working proficiency