

# ANTONIO PAVIC

## SOFTWARE ENGINEER

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Full-stack Software Engineer skilled in frontend development with JavaScript, React, and Next.js, and backend development using Rust, Node.js, and GraphQL. Proficient in PostgreSQL and MongoDB, with hands-on experience in mobile development using React Native. Successfully published cross-platform apps to both the Google Play Store and Apple App Store.

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### PROFESSIONAL EXPERIENCE

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#### Software Engineer - Ludotech

Jan, 2025 – Present

- Joined Ludotech with no prior experience in Rust, and quickly ramped up under the guidance of a CTO with 12+ years of experience.
- Contributed to Cockpit, an AI-powered platform providing meeting summaries, CRM enrichment, and actionable insights for growing teams.
- Developed and shipped full-stack features, including the Playbook module, integrating OpenAI's GPT API to power intelligent workflows.
- Built frontend interfaces and backend logic, driving cross-functional development with Rust and modern web technologies.
- Practiced Test-Driven Development (TDD) and authored robust unit and integration tests to maintain high code quality.
- Participated in large-scale codebase refactoring to improve maintainability and reduce complexity.
- Strengthened expertise in Rust, with a focus on performance optimization and system-level architecture.
- Collaborated with product managers and senior engineers in an agile environment to deliver stable, production-ready features.

#### Software Engineer – Pabau

Jan, 2023 – Jan 2025

- Contributed to a large-scale monorepo in the healthcare domain, developing end-to-end features using Next.js, NestJS, and PostgreSQL.
- Resolved both minor and complex feature tickets, gaining deep familiarity with a large codebase and delivering secure, user-friendly solutions for medical professionals.
- Improved project infrastructure by refactoring code and optimizing structure for scalability.
- Applied DevOps practices with Docker, and collaborated in agile workflows using Bitbucket and Jira.
- Wrote unit and Playwright end-to-end tests to ensure code reliability and prevent regressions.
- Participated in code reviews, contributed onboarding documentation, and led internal knowledge sharing.
- Collaborated closely with QA, PMs, and engineering leads to ship high-impact features and streamline workflows.
- Mentored new interns by guiding them through onboarding tasks, project setup, and codebase navigation.
- Optimized database queries and API endpoints, reducing load times and improving backend performance by up to 30%.
- Designed reusable UI components and contributed to the internal design system to improve development consistency and velocity.

## EDUCATION

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### Seavus Education & Development Center - Skopje

2022 - 2023

- Gained proficiency in core programming concepts, software development methodologies, and structured problem-solving.
- Collaborated with experienced mentors and developers, learning through code reviews and project-based guidance.
- Applied knowledge in real-world scenarios by building full-stack projects using modern frontend and backend technologies.

### SOU “Nikola Karev” - Strumica - Computer Technology & Automation

2018 - 2022

- Gained foundational programming experience with C++ and Python, focusing on problem-solving and logical thinking.
- Worked on process automation using sensor-based systems and basic hardware integration.

## PERSONAL PROJECTS

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### Moj Prevoz — Social Ride-Sharing App for Macedonia

- Developed a full-featured mobile application (React Native) and website for a social-media-inspired ride-sharing platform connecting travelers in Macedonia.
- Implemented key features such as post creation, advanced filters, live messaging with location sharing, and push notifications to enable instant, secure communication between drivers and passengers.
- Managed the full mobile app deployment process, publishing on both the [Google Play Store](#) and [Apple App Store](#) for the first time.
- Gained hands-on experience with real-time messaging and notification systems to improve user engagement and usability.
- Designed an intuitive user interface with a dark theme to enhance user experience and accessibility.
- The app serves as an affordable and reliable solution for travelers and students in Macedonia.
- Find more info on [Instagram](#) and the [website](#).

### Globetrotter - Travel Agency

- Developed a web app showcasing travel offers spanning 12 countries and 4 seasons, providing diverse options for users.
- Integrated an AI-powered travel assistant to help users with travel-related questions and personalized recommendations.
- Built a dynamic blog section where users can share experiences, post content, and comment on others' stories.
- Implemented Stripe payment processing with automated email confirmations sent upon successful transactions.
- Utilized Clerk for secure user authentication, including seamless Google login integration.
- [Live Demo](#) | [GitHub Repository](#).

## Auto Makedonija — Responsive Car Selling Website (Personal Project)

- Developed a responsive and interactive car-selling web application using Next.js to showcase and test frontend and UI skills.
- Designed an intuitive user interface with advanced filters to help users easily browse and find vehicles.
- Implemented user authentication, allowing sellers to securely log in and post their cars for sale online.
- Ensured full mobile responsiveness for seamless browsing across all device types and screen sizes.
- This project was a personal initiative to sharpen frontend development expertise and create a user-friendly marketplace.
- [Live Demo](#) | [GitHub Repository](#).

## ADDITIONAL INFO

- **Languages:** Macedonian (native), English (fluent)
- **Certifications:** **CPD Certified** – Academy for Programming (Seavus Education & Development Center)
- **Soft Skills:** Collaborative, adaptable, and growth-oriented. Passionate about continuous learning, exploring new technologies, and contributing to meaningful projects.