



ELVEDIN KALTAK

Software Engineer

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PROFILE SUMMARY

Experienced Software Engineer with 4+ years specializing in React, React Native, and modern web technologies. Proven track record in building scalable applications, AI-powered platforms, and mobile solutions that deliver measurable business impact across energy management, fintech, and e-commerce sectors.

EDUCATION

University of Sarajevo

2019

- Faculty of Traffic and Communications

EXPERIENCE

Mobile Developer | StioTechnology

11/2023 - 03/2025

- STIO Kids - Developed kindergarten management **mobile application** using **React Native** for parent-administration communication. Implemented real-time child activity tracking, health monitoring, and financial account management features. Collaborated with Stio Technology team on security standards and user requirements, streamlining administrative processes and reducing manual tasks through automation.

Frontend Engineer | Olympia Tech

09/2022 - PRESENT

- Site Management UI - Developed scalable energy facility management platform using **React 18**, **TypeScript**, and **Tanstack Query**. Implemented interactive Mapbox dashboards, automated type generation from **OpenAPI** specs, and CASL permission system. Collaborated with backend team on **REST API** integration for processing millions of daily data points, achieving 40% operational cost reduction across hundreds of facilities.
- AI Deal Flow Platform - Built automated venture capital deal processing system to eliminate manual document analysis and startup research workflows. Developed using **NestJS**, **TypeScript**, and **OpenAI GPT-4 integration** with 16+ specialized **microservices architecture**. Implemented real-time email intelligence pipeline, multi-format document parsing, web scraping capabilities with **Puppeteer**, and ML-powered pitch deck classification. Collaborated with data science team on fuzzy matching algorithms and product managers on workflow automation. Delivered 90% reduction in manual workflows and 10x faster pitch deck processing, enabling scalable deal flow management.
- Dispenser System - Created dual-platform vending solution with **React.js** admin dashboard and **React Native** mobile app. Implemented remote machine management, **QR** payment processing, and digital refunds. Collaborated with hardware team on **IoT API integration**, significantly improving operational efficiency and user experience.
- BuzzBoost - Developed influencer-business marketplace using **React Native** with campaign management and job matching algorithms. Built social media integrations and progress tracking tools. Worked with **UI/UX** team on intuitive design, increasing campaign completion rates and user satisfaction for both businesses and influencers. Additionally, **mentored an intern**, providing guidance on modern frontend practices and ensuring high-quality contributions to the project.

Lead Web Developer | PCX IT Solutions

04/2021 - 08/2022

- Phone Repair Shop- Redesigned phone repair service website using **WordPress** with modern **UX/UI** design and **SEO** optimization. Developed **custom plugin** for automatic CSV data import enabling dynamic repair pricing display. Collaborated with client team through research and testing phases, achieving significant organic traffic improvements and enhanced business efficiency through automated pricing system.
- **Led a team of 3** on static & ecommerce website development with SEO and performance optimization. Delivered measurable sales growth for multiple clients in 7 months.

Junior Web Developer | Sarajevo Digital

03/2020 - 04/2021

- Contributed **reusable React components** to a hotel-management web app, collaborated in **agile sprints**, and improved page performance and accessibility across deliverables. Delivered 3+ production websites; strengthened **Git/Jira** practices and code quality.

TECHNICAL SKILLS

- **Frontend:** React.js, React Native, React Router, Expo, TypeScript, HTML5, CSS3, TailwindCSS
- **State & Data:** Context API, Redux, React Query, REST APIs, GraphQL
- **Backend:** NestJS, Node.js, Microservices Architecture
- **Testing:** Jest, React Testing Library
- **Dev & Tools:** Git, Docker, CI/CD, Google Cloud APIs, OpenAI Integration, Agile/Scrum, React Native Maps, Expo Go, Expo CI/CD
- **Principles:** Component-driven, Accessibility (WCAG), SOLID, DRY
- **Other:** WordPress, WooCommerce, Mapbox, OAuth 2.0, Real-time Systems