ILHAN KALAČ

Frontend Developer | 6+ years

Frontend engineer specialized in Vue 3 and TypeScript, with 6+ years of experience delivering large-scale enterprise applications in healthcare, POS and education. Focused on performance, accessibility and robust frontend architecture. Open to remote worldwide or hybrid in EU/Balkans.

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SKILLS

Frontend
Vue 3 (expert), Vue 2 (advanced), TypeScript, JavaScript, Vuetify, Tailwind CSS, SCSS, Vite, Webpack, Pinia, Vuex
Backend & APIs
REST APIs, Firebase (Auth, Firestore, Hosting), ASP.NET Core, Node.js
Tools & DevOps
Git, Docker, CI/CD Pipelines, Jira/Confluence
Practices
Accessibility (WCAG), UI Implementation (Figma), Code Review, Agile/Scrum

EDUCATION

Bachelor in Applied Electrical and Computer Science Engineering (EQF 6)
• School of Information and Technology | Belgrade, Serbia (graduated 2019.)

Additional Education / Certifications
· Build Web Apps with Vue JS 3 & Firebase
· GITEX Berlin 2025 — Attendee

OTHER

Languages
• English - fluent
• Serbian native
• German - Currently A2

EXPERIENCE

Frontend Developer
2021 – present
Codeus · Podgorica, Montenegro
Key Contributions
- Led migration from Angular to Vue 3 and defined frontend architecture for multiple enterprise applications. Built and maintained large-scale platforms for US clients (healthcare) serving 50,000+ users.
- Led development of key features, including UX improvements, WCAG compliance, performance optimisation (40% faster load times), and CI/CD enhancements.
- Mentored 3 junior developers and standardised code reviews and coding practices.

Major Projects
Health Data Platform (US Healthcare)
- Developed and maintained a healthcare data management platform used by 50+ facilities.
- Improved WCAG AA compliance; resolved 120+ accessibility and UI issues.
- Proposed and implemented UI and technical solutions based on business requirements.
- Tech: Vue 3, TypeScript, Vuetify, REST APIs, GitHub Actions

Allegra POS Software
- Built a Vue.js-based POS system deployed in 7000+ retail locations.
- Implemented i18n support (3 languages).
- Tech: Vue.js, TypeScript, i18n

Fullstack Developer
Oct 2019 - Feb 2021
Galilej · Belgrade, Serbia
Key Contributions
- Developed musical school management software handling scheduling, payments, and instrument rentals for 20+ music schools across Serbia
- Built rental tracking system processing 500+ monthly transactions for musical instruments and sheet music

Project
Medijateka - Nototeka
- Led full-stack development using Angular 6 and Firebase authentication for 1,000+ active users
- Improved user experience and security through Firebase integration — reduced login issues by 50%
- Managed app deployment with GitHub Actions, achieving automated CI/CD pipeline
- Technologies: Angular 8, TypeScript, Angular Material, Git, Linux, ASP.NET Core 2.1

Backend Developer
Apr 2018 - Oct 2018
Comtrade · Belgrade, Serbia
Key Contributions
- Joined project after winning internal team challenge at Comtrade — selected from 50+ participants
- Developed multi-company tracking app with role-based authentication serving 3 enterprise clients
- Built RESTful APIs handling 10,000+ daily requests with ASP.NET Core

Project
College Dorm Application
- Led backend development for college dorm application managing 500+ students across 3 dormitories
- Implemented user authentication and database operations — 99.5% uptime achieved
- Presented final product to clients and supported Vue 2 frontend team
- Technologies: ASP.NET Core, SQL Server, Vue 2

PERSONAL PROJECTS

For a full overview of my work and projects, visit ilhan.io

- **Trash-Tracking App** — Vue 3, Firebase, Leaflet maps (collab with local NGO)
- **Personal Portfolio** — Vue 3, Vuetify, blog & film reflections (ilhan.io)