Farhad Aliyev
Software Architect | Full Stack Engineer

Athens, Greece • Open to remote or relocation

farhad@kanni.pro • +30 697 575 8827 • linkedin.com/in/farhadaliyev • github.com/kannifarhad

English (Fluent), Russian (Fluent), Azerbaijani (Native), Turkish (Intermediate), Deutsch (Beginner)

Im experienced full-stack developer with 10+ years of hands-on expertise in React, Node.js, TypeScript, PHP, and building SaaS platforms. Recently worked on project to create Conversational AI systems using NodeJs, React, PostgreSQL, LLMs and RAG pipelines.

Programming Languages

JavaScript (13 years), TypeScript (9 years), PHP (6 years), HTML/CSS (13 years), Sass/Less (8 years), SQL (10 years), No-SQL (5 years), Java (1–2 years)

Tools & Platforms

Git, Webpack, Vite.js, Storybook, Cypress, Jest, AWS CDK, Azure, Figma, Zeplin, ELK, Grafana, Jenkins, Docker, Vault, Consul, Nomad, Kubernetes, Private NPM, BPMN, Camunda, Argo, LDAP, Sentry, DataDog, New Relic, Redis, RabbitMQ, Kafka, LangGraph, LangChain, OpenAI, Ollama, Pinecone

Frameworks & Libraries

React (10 years), Redux (7 years), React Native (2 years), Node.js (9 years), NestJS (3 years), Next.js (3 years), Vue (2 years), RTK, React Query, TanStack libraries, Redux-Saga, Vuex, Nuxt.js, Express, Apollo Federation, Prisma ORM, TypeORM, Sequelize ORM, PostgreSQL, MongoDB, OracleDB, MySQL, Symfony, Laravel, Twig, Spring Boot, Web3.js, Three.js, MUI, Ant Design, Styled Components, Tailwind CSS, Yup, Zod

Work Experience

Team Lead & Software Architect   from Nov. 2024 - current,   Remote,   B2B Contract
Code2Day

- Led the architecture and full-stack development of a Conversational AI platform designed to handle phone calls and manage scheduling through integrations with three third-party systems.
- Built and maintained the front-end using React, TypeScript, RTK, TanStack Query/Table/Grid and Jest for testing.
- Developed scalable back-end services with Node.js, PostgreSQL, and Sequelize.
- Designed and implemented adaptors to bridge AI workflows with external scheduling systems and client-specific APIs.
- Delivered dashboards for client onboarding, call monitoring, and log analysis, improving operational visibility.
- Conducted onboarding, technical interviews, and mentoring of new team members to ensure high engineering standards.
- Collaborated with cross-functional teams to align product goals with business needs and user feedback.
- Facilitated sprint planning, task breakdown, and backlog grooming in coordination with the product owner.

Senior Software Engineer   from June 2023 to Nov. 2024,   Remote,   Employment Contract
UpWork Inc.

I was part of the Marketplace team at Upwork, responsible for both front and backend side of essential platform pages such as job apply, interviews, profile settings, accounts and more.

- Implemented new features, projects (referral program, AI integrations, bid system and etc.) on platform using technologies such as Nuxt, Vue, Javascript, PHP, Java
- Led migrations from REST to GraphQL with optimizing data fetching and enhancing flexibility in API interactions and increased productivity by 54%.
- Had done migration into Vue 3 version in platform pages including configuring Jenkins pipelines, Alert, Web Performance tests, CI/CD by following corporate guidlines and standarts.
- Increased test coverage across all team projects to a minimum of 95%.
- Worked closely with the UI/UX team to implement new branding and develop UI kits for team-managed
- Collaborated closely with the Customer Support team and directly with customers to resolve bugs swiftly, ensuring minimal impact on project timelines and other feature deadlines.

Senior Frontend Developer from Dec. 2022 to Jun. 2023, Remote, B2B Contract
SysAid

SysAid offers a SaaS (Software as a Service) platform that helps organizations manage support tickets, automate workflows, and enhance incident resolution through features like asset management, customizable forms, and AI-powered support tools.

- Worked on new version of product that had been released this year. Implemented projects related to core functionality of product as well as features related to ticket queue, templates, workflows, AI integrations with Copilot and many other.
- Used technologies such as React, RTK(Redux-Toolkit), React-Query, Javascript, Typescript, Jest, Cypres, Azure and more.
- Identified and resolved long-standing memory leaks and performance issues, reducing page load times from 40 seconds to 2 seconds and optimizing heap memory usage from 700 MB–1.2 GB to 80–90 MB.
- Mentored new developers during onboarding, providing guidance on understanding the codebase, infrastructure, and company workflows. Held one-on-one calls with new developers to resolve blockers, guiding them through challenges with their PRs.
- Participated in customer calls to resolve reported bugs, helping deliver faster fixes and improve overall user satisfaction.

Lead Full Stack Developer from Sept. 2021 to Dec. 2022, Remote, B2B Contract
Johnson & Johnson

Worked on the development of a platform (MLOps) designed to integrate multiple tools used by scientists for drug research to make deploying machine learning workflows easly. Also it enabled easier commmunication for different teams inside Jhonson&Jhonson to collabrate and share resources between projects. The project enabled to create end-to-end workflows that connected MLOps tools via a user-friendly interface, eliminating the need for manual configuration and reducing reliance on DevOps teams, allowing users to easily create and manage multiple research projects.

- To build front-end side we used React, RTK, TypeScript, Ant-Design and SCSS to develop app from scratch. Heavily used TypeScript to provide type safety.
- Led migrations from REST to GraphQL with optimizing data fetching and enhancing flexibility in API interactions and increased productivity by 54%.
- On backend side we implemented Domain-Driven-Design within Microservice architecture by using GraphQL, ApolloFederation, NestJs, TypeScript, Prisma, PostgreSQL, MongoDB and other technologies. Also backend had been integrated with variety of tools such as: Argo, Seldon, Domino, Jupyter Notebooks, Git, Kubernetes, PyPi, and LDAP, enabling seamless collaboration and research workflows.
- Emphasized best practices in both front-end and back-end development principles such as DRY (Don't Repeat Yourself), KISS (Keep It Simple, Stupid), and SOLID design principles.
- The project reduced scientists' research time by 60%, significantly accelerating workflows and boosting productivity.

Team Lead & Software Architect from Aug. 2018 to Aug. 2021, On-site, Employment Contract
Bank Republic

- Led multiple teams in executing a core banking migration from a legacy system to a modernized platform, overseeing all phases of development, project planning and implementing all of them as well.
- Built the front-end and back-end architecture from strach for a new platform used by bank employees to manage and execute all banking operations and services.
- Implemented microfrontend architecture to build UI of platform using tools such as Webpack federation, React, Redux, TypeScript, MUI, SCSS.
- On back-end worked technologies such as ExpressJs, PHP, Java (SpringBoot), OracleDB, PostgreSQL, MongoDB, Camunda BPMN, Nomad, Consul, Dockers, ELK and etc. Microservice architecture had been implemented.
- Interviewed, onboarded and mentored more than 30 employees each on front-end and back-end teams.
- Implementing the BPMN approach on the back-end and a microfrontend architecture on the front-end reduced new project development time by 50%, simplified bug debugging, and decreased deployment time from 2-3 hours to just 30 minutes.
- All migrations resulted in a 4-5 times reduction in client service time by streamlining bank processes and simplifying workflows for employees, significantly improving efficiency.
- Proactively suggested and presented architectural changes to the management and employees of a bank, by developing comprehensive presentations and organizing strategic meetings to align on key improvements.

FullStack Developer from Sept. 2012 to Aug. 2018,   On-site,   Employment & B2B Contracts
Freelancer Activity & Previous Jobs

From September 2012 to August 2018, I contributed to a variety of projects across different industries, developing web applications, creating custom software tools, and overseeing digital content creation and marketing campaigns.

At AK Mobile, I focused on full-stack development, creating and supporting web projects, extensions, and apps, with a strong emphasis on PHP, JavaScript, React, and UI/UX design. My work ranged from building custom products to providing ongoing support and monitoring for various web platforms.

In my role at Sport Marketing Group, I developed apps and web-based platforms designed to improve productivity, such as task management systems, as well as solutions to support sports events. I was also involved in web design and UI/UX development, leveraging my skills to build engaging and functional web applica- tions.

As Chief Specialist at Bank Technique, I combined my technical background with a focus on digital marketing, creating and monitoring digital content for the bank's online presence. I helped brainstorm and execute creative marketing campaigns and assisted in analyzing marketing data—such as conversion rates and campaign results—to help shape future strategies.

Education

Bachelor of Computer Science – Baku State University (from Sep. 2005 to Jun. 2009)

Master of Computer Science – Baku State University (from Sep. 2010 to Jun. 2012)