

Summary

A **Software Engineer** with +5 years of experience designing and developing scalable, AI-driven, and data-intensive web platforms using **Next.js, React, TypeScript, and SQL**. Proven success in building end-to-end systems for industries including **healthcare, AI automation, travel, and real estate**, with a strong focus on **data visualization, performance optimization, and user experience**. Skilled at collaborating with cross-functional teams to deliver high-impact solutions such as **AI research platforms, marketplace applications, and intelligent automation systems**. Passionate about creating tools that merge **data science, AI, and modern web technologies** to drive scientific discovery and business growth.

Skills

- Languages: JavaScript (ES6+), TypeScript, Python, SQL
- Web Frameworks and Libraries: Next.js, React, Vite, Redux, Redux Toolkit, Node.js, Express, NestJS, ECharts, Chart.js, ShadCN/UI, MaterialUI, TailwindCSS, Ant Design
- Testing & Quality: Jest, Testing Library, Cypress
- Data & AI Technologies: DuckDB, Agentic AI, Data Visualization, AI Integration, WebSocket, GraphQL
- Tools & Platforms: MicroFrontend, Docker, Git, GitLab CI/CD, LocalStack (AWS), Figma, Trello
- Other: PWA Development, Performance Optimization, Responsive Design, Analytics & A/B Testing

Work Experience

Software Engineer

Qanun.bio (AI-Powered Healthcare Research Platform)

Next.js, React, TypeScript, DuckDB, ECharts, SQL, ShadCN/UI, Agentic AI, Data Analysis, Notebook Systems

- Developed comprehensive data science platform enabling researchers to transform clinical and genomic datasets into actionable scientific insights
- Built interactive dataset analysis and exploration tools with advanced visualization using ECharts and real-time SQL queries via DuckDB
- Implemented AI-powered chatbot system that guides researchers through data analysis workflows and provides explainable AI recommendations
- Created Jupyter-style notebook interface for collaborative research with version control, reproducible pipelines, and audit-ready reports
- Designed and developed landing pages and admin panels for the Clinical Data Studio, Agentic AI Workspace, and Genomic Data Studio products
- Integrated secure data upload, metadata preservation, and end-to-end encryption features ensuring compliance with healthcare data regulations
- Collaborated with AI engineers to implement autonomous agents that plan, execute, and explain complex scientific analyses with full traceability

Software Engineer - Frontend Chapter Lead

Shab (Short-term house rental marketplace)

TypeScript, MicroFrontend, Next.js, React, Redux, Redux-Thunk , MaterialUI, PWA, REST API, Leaflet, Jest, Testing Library, Analytics, Node.js, Express Figma, Trello, Git, Docker

- Architected and implemented scalable search functionality using Leaflet, resulting in a 40% increase in user engagement and 10% search to product conversion rate measured by heap analytics.
- Optimized application performance by 20% through code splitting, image optimization, and bundle size reduction techniques.
- Provided specialized tools to monitor OKRs and analytics, Caused 20% improvement in goals alignment and performance tracking like A/B testing.
- Collaborated with designers to construct a new design system based on MaterialUI.
- Implemented progressive web application to have app-like look and performance improvements
- Mentored junior software engineers and led technical code reviews.
- Collaborated in Agile development environment using Trello for project management, working closely with cross-functional teams including product managers, designers, and backend engineers

Full-Stack Developer

Qmoil (Recycling oil warehouses automation)

Next.js, React, Vite, MicroFrontend, Redux-toolkit, REST API, TailwindCSS, Ant Design, Jest, Git, Docker, CI/CD

- Architected and developed full-stack automation system from scratch to monitor and manage 4 warehouses with real-time data processing.
- Built comprehensive data visualization dashboard using Chart.js and backend APIs to reduce data analysis time by 50%.
- Configured micro frontend by editing Vite configs
- Facilitated asynchronous data fetching by using state management (Redux-toolkit) to maintain data consistency.
- Dockerized the project to ensure seamless deployment and consistency across different environments.

Full-Stack Developer

Dekatech (AI Solutions Platform)

React, Next.js, AI Integration, REST API, WebSocket, Bootstrap, Responsive Design, Git, Github

- Developed intelligent AI-driven flows for enterprise clients, improving customer engagement by 35%
- Built real-time systems and AI communication platforms using WebSocket technology for seamless user interactions
- Integrated machine learning services to create context-aware AI assistants
- Collaborated with AI engineers to implement agentic systems that could autonomously handle complex business workflows
- Created responsive admin dashboards for managing AI bot configurations, training data, and performance analytics across multiple client deployments

Frontend Engineer

RasmSafar (Travel booking platform)

React, Next.js, TypeScript, REST API, TailwindCSS, Material UI, Git, Figma, Responsive Design

- Developed user-friendly travel booking interface with search filters and booking management system
- Implemented responsive design ensuring optimal user experience across desktop and mobile devices
- Built comprehensive admin dashboard for managing bookings, travel packages, and customer data
- Integrated payment gateways and booking confirmation systems to streamline the reservation process
- Collaborated with design team to implement pixel-perfect UI components following Figma specifications

Freelance

HTML, CSS, JavaScript, JQuery, Responsive design, CMS, Git, Photoshop

- Built and tested pages for presenting +30 ecommerce templates.
- Streamlined client workflows by providing guidance on website content management systems, Resulting in a 25% reduction in unnecessary communication and increased client autonomy.
- Successfully developed corporate and eCommerce websites for 10+ clients
- Consulted with clients to understand their business needs and recommended the most suitable web solutions.
- Crafted a CV template from photoshop design to list in Themeforest.

Education

Bachelor of Electronics Engineer - Urmia university (September 2015–July 2019)