

Amirreza Jolani Mameghani

Fullstack Developer

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Summary

Full-Stack Developer with **5+ years of experience** building production-grade web applications across healthcare, e-commerce, and SaaS. Specialising in **Vue.js, Nuxt.js, and TypeScript** with deep expertise in component architecture, state management, performance optimisation, and accessible design. Backed by solid full-stack capability in **Node.js**, and strong database experience across **SQL (PostgreSQL) and NoSQL (Redis, Supabase)**. Experienced in designing and maintaining **REST and GraphQL APIs** for integrations with external systems, with a strong eye for **code quality, structure, and best practices**. Actively expanding into **AI-powered and agentic application development**, with hands-on experience using **Claude Code, LangChain, LangGraph, and RAG pipelines** to integrate intelligent capabilities directly into production workflows. MSc from the University of Padua with research on AI-driven personalisation and adaptive UX.

Skills

Front-End	Back-End	DevOps & Cloud	Data & Tooling
Vue.js, Nuxt.js	Node.js, Python, Django	Docker, Microservices	PostgreSQL (SQL)
TypeScript, JavaScript	REST/JSON, GraphQL	GitHub Actions, CI/CD	PrismaORM, DrizzleORM
Pinia, Vuex, Zustand	tRPC, API Gateways	AWS (S3, EC2, Lambda)	Redis, Supabase
React.js, Next.js	DrizzleORM, JWT	Cloud Deployment, Bash	Zod, ESLint, Biome
Tailwind, Framer Motion	pytest, Postman	Sentry, Lighthouse	Jest, Playwright, Vitest
Material UI, shadcn/ui	Auth patterns	Webpack, CodeRabbit	Git, Linux, pnpm
TanStack Query, Figma	Zod, REST/JSON	Docker Compose	Storybook, VitePress
AI & Agentic Development			
LangChain, LangGraph.js	RAG Pipelines	Claude Code (CLI Agent)	AI-Augmented Interfaces

Professional Experience

OFoundation

Utrecht, the Netherlands

Full-Stack Developer

Jul 2025 – Apr 2026

- **Led technical design and architecture** of a React/TypeScript e-commerce platform from Figma to production, owning the full stack and achieving **100% responsive consistency** across all breakpoints.
- **Set and enforced coding standards and best practices** across the team, introducing **CodeRabbit** for automated code review and **ESLint/Biome** linting pipelines, reducing review cycle time significantly.
- Drove **Lighthouse performance scores to 90–100** by resolving Core Web Vitals bottlenecks via **code splitting, lazy loading, and image optimisation**.
- Reduced **production incidents by 40%** by integrating **Sentry** monitoring and standardising error handling across the platform.
- Improved **WCAG accessibility from Level A to AA** (select components to **AAA**), applying research on adaptive UX and inclusive design.
- Streamlined **CI/CD pipelines** with Docker-based workflows, cutting **deployment time by 25%** and eliminating manual release errors.

Karhuno AI

Helsinki, Finland

Full-Stack Developer

Jan 2025 – Jun 2025

- Built and owned the core **Next.js platform**, establishing reusable, maintainable architecture patterns adopted team-wide.
- **Standardised data validation with Zod** across API boundaries, ensuring consistent error handling and improving backend reliability.

- Implemented **end-to-end testing with Playwright**, covering cross-browser compatibility, visual regression, and API mocking to ensure enterprise-grade release quality.
- **Reviewed peers' code** and provided technical guidance, maintaining high quality standards across the codebase.

PAP Group Ltd.

Full-Stack Developer

Tehran, Iran

Sep 2022 – Jul 2023

- **Architected and led** development of a **reusable Vue.js component library** with **Tailwind CSS** and **Pinia** state management, reducing repeated implementation work by **35%** and ensuring design consistency across AryakTravel and ShabavizTour products.
- Developed **Django-based backend services and REST APIs**, handling business logic, data persistence, and third-party integrations, cutting backend-related bugs by **25%**.
- Improved **LCP and INP by ~2 seconds** via profiling, smarter rendering strategies, and lazy loading, boosting **Lighthouse performance scores by 30%**.
- **Mentored new developers** through internal documentation built with **VitePress**, enabling onboarding **60% faster** and aligning the team on coding conventions and standards.
- **Participated in roadmap discussions**, providing technical assessments of proposed features and estimating implementation complexity for product stakeholders.

Zharfa Academy

Full-Stack Developer

Tehran, Iran

May 2021 – Oct 2021

- Rapidly built a **full-stack MVP** with **Vue.js** and **Python/Django**, shipping a functional product in weeks to onboard early users and validate core features.
- Implemented **token-based authentication** and **role-based access control**, enabling secure multi-role access for the platform.

Almas-Teb-Rayan

Frontend Developer

Tehran, Iran

Apr 2020 – Jul 2021

- Developed the **frontend dashboard** (HTML5, SCSS, JavaScript) for **Nikan Hospital's patient platform**, used daily by medical staff in a **data-driven enterprise context**.
- Built interactive **data visualisations with Chart.js** for patient records and clinical reporting, using **Webpack code splitting** for performance.

Education

University of Padua

MSc, ICT for Internet and Multimedia, Cybersystems track

Padua, Italy

Oct 2023 – Apr 2026

Azad University, Central Tehran Branch (IAUCTB)

BSc, Computer Engineering

Tehran, Iran

Sep 2016 – Oct 2021

Personal Projects

- **Prompter**: Full-stack platform with React, TypeScript, Python, Django, and PostgreSQL. Includes runtime validation with Zod, UI built on shadcn/ui + Tailwind, and Dockerised for consistent local and production environments.
- **Nodebase**: Complex React SPA with a visual node-based editor (React Flow), real-time data flows, and background job processing; type-safe full-stack APIs via **tRPC + Prisma/PostgreSQL** and authentication via Better Auth.
- **E-commerce Marketplace**: Modular platform with CMS-style architecture, Python/Django REST API layer, and scalable feature separation, with a focus on clean architecture and end-to-end type safety.
- **ElevenLabs TTS App**: React application integrating the ElevenLabs API to convert text to speech using AI voice models. Exploring extension with LangChain and RAG to enable context-aware, document-grounded voice responses.

Languages

Persian (Native) | English (Fluent) | Italian (Basics) | German (Limited Working)