

# Pezhman Ghavami

## Full-Stack Engineer

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### Professional Experience

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#### Front-End Developer, Quarkino ☑

07/2023 – present

Tehran, Iran

- Spearheaded the migration of legacy web applications and tools from Vue2 to Next.js 13, doubling page load speeds and cutting maintenance costs by 50%.
- Created a reusable Next.js project template that reduced new project setup time by 50% and increased code consistency by 80%.
- Collaborated with a cross-functional team to rewrite the core product and select client websites (ICIB, Depoint) using React. This resulted in a 40% growth in website traffic and a 25% enhancement in user engagement.
- Designed and developed a robust SDK for Quarkino's headless CMS, enhancing front-end development efficiency by 35% and reducing integration time by 40%.
- Implemented a mono repository architecture to consolidate diverse front-end applications into a single codebase, tripling build speeds and improving development efficiency by 45%.

#### Career Break, Medical Leave

02/2022 – 04/2023

Shiraz, Iran

- Navigated a medically mandated leave of absence for six months, followed by a comprehensive recovery plan that resulted in a seamless reintegration into the workplace with no productivity loss.
- Completed 5 freelance projects over a four month period, delivering high quality web applications that increased client engagement by 30% and contributed to a 25% rise in overall website traffic.
- Implemented three personal projects to maintain proficiency and explore new technologies to stay current with the industry trends.

#### Full-Stack Engineer & Co-Founder, Rayabot

05/2017 – 02/2022

Shiraz, Iran

- Led a team of four developers and a UI/UX designer to launch a SaaS product, driving a 150% revenue surge and 10x user growth in a single year.
- Built and deployed a React-based Admin dashboard for managing users, server events, and clients of the SaaS product.
- Achieved 100% test coverage by writing unit tests using Jest for the Admin and User dashboards.
- Leveraged D3.js to visualize the trade log of the automated trading software, helping the trading team to improve trade accuracy by 50%, lower MDD by 20%, and increase yearly profits by 6%.
- By optimizing the main trading bot, the algorithm ran 40% faster, resulting in quicker historical simulations and improved productivity.
- Partnered with the trading team to develop indicators and automated trading solutions for the TradingView platform.

## Projects

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### Clothing Shop, [github.com/PezhmanGhavami/clothing-shop](https://github.com/PezhmanGhavami/clothing-shop)

- Launched a prototype e-commerce platform as a sandbox for technology experimentation.
- Engineered an optimized website using Next.js best practices, including SSG and ISR, achieving a Lighthouse score exceeding 90 across all metrics, resulting in enhanced user experience and engagement.
- Tech stack: Next.js, React, Tailwind CSS, SWR, iron-session, Prisma, PostgreSQL, TypeScript

### Chat App, [github.com/PezhmanGhavami/chat-app](https://github.com/PezhmanGhavami/chat-app)

- Prototyped a chat application (SPA) utilizing Socket.IO and WebRTC for comprehensive technology exploration and advanced app functionality testing.
- Tech stack: React, Tailwind CSS, SWR, React Router, simple-peer, Vite, Socket.IO, Express.js, Prisma, PostgreSQL, TypeScript, iron-session

### Sorting Visualizer, [github.com/PezhmanGhavami/sorting-visualizer](https://github.com/PezhmanGhavami/sorting-visualizer)

- Designed an interactive application to visualize 5 different sorting algorithms, allowing users to rewind through results; enhancing comprehension of algorithmic processes.
- Optimized component re-renders by caching dependencies, resulting in a 25% decrease in CPU usage, enhancing application performance and providing a smoother user experience.
- Tech stack: React, Vite, TypeScript

## Skills

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### Front-End

React.js • Next.js • Redux Toolkit • Zustand • TanStack Query • React Router • Jest • Cypress • HTML • CSS • SASS • Tailwind CSS • Shadcn UI • Radix UI • Material UI • Styled Components

### Tools & Platforms

Git • Github • Github Actions CI/CD • Gitlab • Webpack • Vite • Vercel • Docker

### API Integrations

RESTful APIs • GraphQL Apollo Client • Websocket • Socket.io Client • WebRTC

### Back-End

Express.js • Socket.io • Iron Session • Prisma • Drizzle ORM • Next.js APIs • NextAuth.js • TRPC • PostgreSQL • MySQL • MongoDB

### Techniques

Design Implementation From Figma, Sketch, XD, PSD • Agile Methodologies (Scrum, Kanban) • Responsive Design • PWA development

## Languages

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### English

IELTS Academic 6.5

### Persian

Native

## Education

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**Bachelor of Information Technology (IT), Azad University (IAU)**

09/2016 – 12/2020  
Shiraz, Iran