

# Pezhman Ghavami

## Front-End Developer

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### Professional Experience

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#### Front-End Developer, Quarkino ☑

07/2023 – present

Tehran, Iran

- Spearheaded the development and execution of a migration strategy to modernize legacy web applications and tools from Vue2 to Next.js 13, resulting in a doubling of page load speeds and a 50% reduction in maintenance costs.
- 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 our core product and select client websites, including ICIB and Depoint, using React technologies, resulting in a 40% increase in website traffic and a 25% improvement in user engagement.
- Designed and developed a robust SDK for Quarkino's headless CMS, significantly enhancing front-end development efficiency by 35% and reducing integration time by 40%.
- Successfully implemented a mono repo 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

- Experienced a medical leave of absence which has concluded.
- Worked on some small projects as a freelancer for about 4 months.
- Implemented three personal projects to maintain proficiency and explore new technologies.
- Expanded my web development skillset by staying current with industry trends and mastering libraries such as tRPC, Zustand, and Cypress.

#### Full-Stack Developer & 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 an Admin dashboard for managing users, server events, and clients of our SaaS product using React.
- Achieved 100% test coverage by writing unit tests using Jest for the Admin and User dashboards.
- By Visualizing the trade log of our automated trading software using D3.js, I helped the trading team to improve trade accuracy by 50%, lower maximum equity drawdown by 20%, and increase yearly profits by 6%.
- By optimizing our main trading bot, I made the algorithm run 40% faster, which resulted in quicker backtests and improved productivity.
- Partnered with trading team to develop indicators and automated trading solutions for cTrader and TradingView.

## Projects

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

- A prototype e-commerce website made to be a playground for trying out different kinds of tech.
- By utilizing the best practices of Next.js, such as SSG and ISR, and taking advantage of the next/image and next/head modules, this website achieves +90 lighthouse results in all metrics.
- 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)

- A prototype chat application to test different tech in a SPA environment, with real-time communications (Socket.IO and WebRTC) and more app-like behavior.
- Tech stack: React, Tailwind CSS, SWR, React Router, simple-peer, Vite, Socket.IO, Express.js, iron-session, Prisma, PostgreSQL, TypeScript

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

- An app to visualize different sorting algorithms with the ability to rewind through the results to better understand how each algorithm works.
- Optimized the re-renders by leveraging the useCallback hook.
- Tech stack: React, Vite, Typescript

## Skills

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### Programming Languages

JavaScript (ES6) • TypeScript •  
HTML5 • CSS3 • Sass

### CSS Libraries & Frameworks

Tailwind CSS • Material UI • Styled Components

### Techniques

Pixel Perfect Design Implementations (From Figma, Sketch, XD, PSD) • Agile Methodologies (Scrum, Kanban) • Mobile First Responsive Web Design • PWA Implementation

### Front-End Libraries & Frameworks

React.js • Next.js • Redux Toolkit • Zustand • SWR •  
TanStack Query • TanStack Table • React Hook  
Form • shadcn/ui • Radix UI • React Router • Jest •  
Cypress

### Tools & Platforms

Git • Github • Github Actions CI/CD • Gitlab • Vite •  
Trello • Jira • Bitrix24 • Vercel • Netlify • PlanetScale  
• Firebase • Supabase • Docker

### API Integrations

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

## 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