

Pezhman Ghavami

Full-Stack Developer

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Profile

Driven by curiosity and a deep desire to create, I am a Full-Stack Developer with more than six years of experience in building, testing and deploying scalable websites and web applications.

Professional Experience

Front-End Developer, Quarkino 📄

07/2023 – present
Tehran, Iran

- Contributed in developing a successful migration/rewrite plan to migrate the legacy web applications and their associated tools from Vue2 to Next.js 13, resulting in a drastic improvement on lighthouse scores.
- Created a project template for starting new projects using Next.js latest.
- Collaborated with the product, back-end and the design team to take part in rewriting Quarkino, Depoint and ICIB using our new tools in React.
- Took an active role in designing and developing a SDK for using Quarkinos headless CMS.
- Participated in setting up a mono repo to manage our different types of Front-End applications as a service.

Career Break, Medical Leave

02/2022 – 04/2023
Shiraz, Iran

Full-Stack Developer & Co-Founder, Rayabot

05/2017 – 02/2022
Shiraz, Iran

- Led a team of 4 developers in collaboration with a UI/UX designer to develop and launch a SaaS product that led to a 150% increase in yearly revenue and a %1000 increase in the active user base that 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.
- Participated in the development of an Electron.js app's UI using React.
- 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.
- Improved performance of our primary indicator and made its initial calculation go from $O(n^2)$ to $O(n)$, drastically cutting draw time.
- Closely collaborated with the trading team to turn their strategies into indicators and automated trading solutions in the cTrader platform and TradingView.

Projects

Clothing Shop, 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

- 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

- 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

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

Back-End Libraries & Frameworks

Express.js • Socket.io • iron-session • Prisma •
Drizzle ORM • Next.js Route Handlers • NextAuth.js
• tRPC

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

Databases

PostgreSQL • MySQL • MongoDB

Languages

English

IELTS 6.5

Persian

Native