Pezhman Ghavami

Front-End Developer

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Profile

Driven by curiosity and a deep desire to create, I am a self-motivated Front-End Developer with more than five years of experience in building, testing and deploying scalable websites and web applications.

Professional Experience

Career Break, *Medical leave*   02/2022 – 03/2023
                                                                            Shiraz, Iran
- Took a break due to a medical condition that has now been completely resolved. Recovered to full health and available for full-time employment.
- Started and completed three Personal Projects to keep my skills fresh and have a playground for trying out different tech.
- Kept myself updated with the industry trends and further developed my skills as a Web Developer by learning and trying out libraries like Zustand and Cypress.

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 SSE API to broadcast events of our trading software using Express.js.
- Built an Admin dashboard for managing users, the SSE server events, and the consuming clients subscribed to that server 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%.
- 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.
- Closely collaborated and communicated with the trading team to turn their strategies into indicators and automated trading solutions in the cTrader platform and TradingView.
- Maintained our various trading softwares and indicators.
- Designed and developed a server and client version of our automated trading software to broadcast and consume its events through an SSE API in the cTrader platform.
- Made several telegram bots to broadcast indicator signals, deliver trade notifications, and monitor different trading software statuses.
- 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.
- Made a WordPress e-commerce website that helped increase our sales by 60%.

Projects

Clothing Shop, *github.com/PezhmanGhavami/clothing-shop* ⧉
An e-commerce prototype website, made to be a playground for trying out different kinds of tech. This website utilizes the best practices of Next.js such as SSG and ISR while taking advantage of the next image and next head modules to deliver lightning fast load times and amazing SEO.
- Tech stack: Next.js, React, Tailwind CSS, SWR, iron-session, Prisma, PostgreSQL, TypeScript

Chat App, *github.com/PezhmanGhavami/chat-app* ⧉
This is a prototype chat application. Like my other project, the purpose of this one is also to test out different tech but with real-time communications and more app-like behavior. I made this app without Next.js to be able to check the other tech in the React ecosystem that can't be used in a Next.js app, like the different routing solutions.
- Tech stack: React, Tailwind CSS, SWR, React Router, 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 them to better understand how each algorithm works. Since there are a lot of re-renderings happening, optimization was an important aspect of development, by leveraging the useMemo and useCallback hooks I managed to create smoother re-renders, specially when rewinding through the results.
- Tech stack: React, Vite, Tyepscript

Skills

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

Libraries & Frameworks
React.js • Next.js • Redux Toolkit • Zustand • SWR •
TanStack Query • React Router • Jest • Cypress

CSS Libraries & Frameworks
Tailwind CSS • Material UI • React Bootstrap •
Styled Components

Tools & Platforms
Git • Github • Github Actions CI/CD • Webpack •
Vite • Vercel • Netlify • PlanetScale • Firebase

Techniques
Pixel Perfect Design Implementations • Agile
Methodologies • Mobile First Responsive Web
Design

API Integrations
RESTful APIs • GraphQL Apollo Client • Websocket •
Socket.io Client

Education

Bachelor of Information Technology (IT), *Azad University (IAU)*   09/2016 – 12/2020
Shiraz, Iran

Certificates

The Web Developer Bootcamp 2020 ⧉
Udemy

Complete React Developer in 2023 ZTM ⧉
Udemy

Languages

English
IELTS 6.5

Persian
Native