

Pezhman Ghavami

Full-Stack Developer

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Professional Experience

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

- Experienced a medical leave of absence which has concluded.
- 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.
- Stayed current with industry trends and mastered libraries such as tRPC, Zustand, and Cypress, expanding web development skills.

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 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 maximum equity drawdown by 20%, and increase yearly profits by 6%.
- By optimizing the main trading bot, the algorithm ran 40% faster, resulting in quicker backtests and improved productivity.
- Partnered with the trading team to develop indicators and automated trading solutions for cTrader 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.
- 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

- 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, iron-session, Prisma, PostgreSQL, TypeScript

Sorting Visualizer, 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 implementing the useCallback hook, resulting in a 25% decrease in CPU usage, enhancing application performance and providing a smoother user experience.
- 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 Academic 6.5

Persian

Native

Education

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

09/2016 – 12/2020

Shiraz, Iran