

Alan (Arsalan) Ghofrani

Full-Stack JavaScript Developer

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JavaScript developer with 5 years of experience in creating innovative web applications, specializing in ReactJs, TypeScript, NodeJs, and NextJs. Recognized for developing intuitive user interfaces and transforming complex project requirements into practical frontend solutions. Proven track record in leading collaborative efforts within cross-functional teams, maintaining high standards of code quality, and driving continuous personal and professional growth. Equipped with excellent communication skills and a proactive approach, I excel in dynamic environments, always ensuring project success and client satisfaction.

Experience

Pragmidea LTD, United Kingdom, London

Sep 2022 - ongoing

Full-Stack Developer

Typescript, NodeJs, Nextjs, Tailwind, Redis, RabbitMQ

- Implemented a real-time dashboard to retrieve and display current index prices, utilizing D3.js for advanced data visualization techniques to present the information in interactive charts, enhancing decision-making efficiency.
- Implemented strategic refactoring of legacy React class-based code, improving code readability and maintainability and reducing technical debt by 50%, utilizing Martin Fowler's 'Refactoring' techniques and transforming it into functional components.
- Enhanced front-end performance, reducing unnecessary re-renders by 40% and improving load times by 20%, by utilizing the 'Profile' tab in 'React DevTools' to isolate and resolve performance issues.
- Deployed a comprehensive testing process containing unit, integrated, and end-to-end tests, ensuring 90% code coverage and reducing bugs in production by 50%, by using industry-standard tools such as Jest, React Testing Library, and Cypress.
- Developed a crypto payment gateway, facilitating secure and efficient transactions for over 10,000 clients, by connecting an internal SDK to the gateway using an HTTP server and RabbitMQ messages.
- Streamlined routine procedures, increasing automation efficiency by 50% and reducing manual work hours by 30%, by leveraging Node scripts for tasks such as server migration and data schema resetting.

AASAL DIGITAL GROUP, Germany, Berlin, Remote

Mar 2021 - Aug 2022

Full-Stack Developer

Typescript, MUI, Nextjs, Docker, Jenkins, Nodejs

- Refined front-end performance of a cryptocurrency exchange by 80% and boosted Google Lighthouse score by 50% through refactoring..
- Designed and shipped an admin dashboard in 2 months, resulting in a 40% increase in user efficiency and satisfaction, while adhering to agile architecture, maintainability, scalability, and clean coding principles.
- Led and trained a team of 3 developers, enhancing the team's programming skills, while successfully transitioning the company from a traditional project management system to an agile methodology.
- Authored essential company procedures for on-boarding and off-boarding processes, reducing on/off-boarding time by 20% and ensuring adherence to best practices, by providing comprehensive guidelines and standards.
- Optimized and maintained relational databases and document stores, resulting in a 40% improvement in query performance and a 25% reduction in data retrieval times by implementing efficient indexing strategies and database normalization techniques.

ZaardAlu, Germany, Berlin, Remote

Apr 2019 - Jan 2021

Frontend Developer

Typescript, React, Mobx, Styled Components

- Created over 20 visually appealing and responsive page designs, improving user engagement and satisfaction by 35%.
- Performed writing of more than 150 maintainable tests, including unit and integration tests, which reduced bugs in production by 40%.
- Constructed a library of over 30 high-performance, reusable components and hooks, enhancing development speed and code consistency by 25%.

Software Engineering Internship - Enterprise Application*Typescript, React, Mobx, Styled Components*

- Gained expertise in Web Development and React quickly through independent work and resolution of use cases and bugs in a 6-month period.
- Facilitated in developing a successful startup with roughly 2000 customers, including contribution to existing codebases and exploration of web development tools and technologies.

Skills

Programming Languages:

JavaScript, Typescript, Python, Java, C#

Web Development:

ReactJs, NextJs, NodeJs, Express, Docker, Git, Jest, Testing Library, Mobx, React Query, Eslint, Prettier, Husky, GraphQL, Apollo, OpenAPI, Headless CMS, CSS (Grids, Styled Components, Emotion, MUI, Tailwind), HTML , Angular, SQL, Jenkins, linux, Postgresql, Prisma, Zod, Mapbox, RabbitMQ, Terraform, AWS (S3)

Computational and Data Related Tools:

Mathematica(xAct), Python(NumPy, Pandas, Matplotlib, scikit)

Education

MSc. in Computer Science | Bishop's University, Sherbrooke, Canada

Sep 2023 - ongoing

MSc. in Physics | University of Tehran, Iran

Sep 2018 - Dec 2021

BSc in Physic | University of Tehran, Tehran, Iran

Sep 2014 - Jun 2018

Personal Project

49Travels - Personal SaaS project

Apr 2023 - Jul 2023

A Travel Itinerary Project Based On User Input*Typescript, Prisma, NextJs, ai, openai-edge, NextAuth, Mapbox*

- Leveraged the GPT AI model to transform the user prompt into a detailed itinerary for each day of travel, thereby enhancing the overall user experience.
- Incorporated Mapbox to pin the AI-suggested locations on the map, offering a visual representation of the travel plan.
- Deployed Prisma as a data management solution for storing popular user prompts and authentication data

Languages

English (Fluent)**French (Beginner)****Persian (Native)**