

Vida Ghorbannezhad Maleki

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PROFILE SUMMARY

Results-driven software engineer with expertise in full-stack development, backend systems, and scalable application design. Proven track record of delivering high-impact features, optimizing performance, and collaborating across teams to enhance user experiences. Skilled in Python, JavaScript, TypeScript, Java, and React, with a strong foundation in data structures, algorithms, and distributed systems. Passionate about building robust, user-centric solutions and eager to contribute to innovative projects in live streaming and creator monetization. Adept at learning new technologies and solving complex problems in dynamic environments.

CORE QUALIFICATIONS

- Proficient in building scalable applications using Python, Java, JavaScript (React, Next.js), and TypeScript across frontend and backend systems.
 - Experience with REST APIs, database design (MongoDB, PostgreSQL), and distributed systems, ensuring high performance and reliability.
 - Skilled in React, Tailwind CSS, and Fluent UI, with a focus on responsive design, accessibility, and user experience optimization.
 - Strong background in automated testing (Jest, Cypress) and debugging to ensure stable, production-ready releases.
 - Proven ability to work cross-functionally with engineers, designers, and product managers to deliver features efficiently.
 - Solid foundation in data structures, algorithms, and system design, with a focus on scalability and concurrency.
 - Quick learner with experience in multiple tech stacks and eagerness to master new tools and infrastructure (e.g., AWS).
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PROFESSIONAL EXPERIENCE

Software Engineer Intern

Aug 2024 – Jan 2025

Snowflake – (Bellevue, WA)

- Led a full-stack initiative to implement configurable column support in both Streamlit and Notebook views using React, TypeScript, and Vite, enhancing customization and user experience.
- Developed reusable UI components and extended backend DTOs and APIs to support both shared (e.g., Location, Owner) and Notebook-specific columns (e.g., Runtime Environment, Status).
- Wrote comprehensive tests including unit, regression, Storybook, and Snowfort tests to ensure reliability and prevent regressions.
- Executed a three-week phased rollout with separate Operational Readiness Reviews (ORRs) for each column, ensuring a smooth and safe release.
- Improved Streamlit CLI functionality by optimizing the import/comment system, reducing cold-start time by 15%.
- Built “snow streamlit execute”, a CLI tool for headless app deployment, contributing to Snowflake’s open-source tools and improving developer efficiency.
- Collaborated with cross-functional teams across UI, backend, and QA in Agile sprints, consistently meeting feature deadlines.

Frontend Engineer (Freelancer)

Jan 2024 – Feb 2024

CashZar - (Remote, USA)

- Developed a responsive financial web app from Figma designs, leveraging React and Tailwind CSS to achieve 100% Lighthouse accessibility scores.
- Integrated Google Forms with real-time validation, streamlining user feedback collection and reducing submission errors by 40%.
- Deployed the app to AWS S3 with CI/CD pipelines, ensuring 99.9% uptime during peak traffic periods.
- Reduced bundle size by 20% via code-splitting and lazy loading, improving page load performance.

Full-stack Software Engineer Intern

Jul 2023 – Sep 2023

RentBase – (Remote, USA)

- Designed public listings feature using MongoDB schemas and Node.js APIs, increasing user engagement by 35%.
- Refactored 70+ React components with Tailwind CSS, cutting CSS bloat by 50% and improving maintainability.
- Implemented automated testing (Jest, Cypress) for critical user flows, reducing regression bugs by 60%.
- Built a dashboard for rental analytics using Chart.js, helping users track pricing trends.

Software Engineer Intern

Aug 2022 – Jan 2023

Microsoft - (Redmond, WA)

- Shipped features for Edge's Office integration (172k+ DAU), using TypeScript and Fluent UI to improve usability metrics by 15%.
- Developed a Chromium-based user engagement histogram (C++), informing product strategy with data-driven insights.
- Pioneered accessibility improvements via Narrator testing, achieving WCAG 2.1 AA compliance for 10+ components.
- Managed feature flags for phased rollouts, reducing customer-reported issues by 25%.

PROJECTS

Magic Storybook – AI-Powered Story Generator

- Full-stack app using Java Spring Boot (backend) and React (frontend), integrated with OpenAI's GPT API to generate dynamic stories based on user-selected inputs (characters, setting, genre, etc.).
- Built and styled the entire frontend experience with accessibility in mind.

Adies Capstone Hub – Capstone Showcase

- Created a full-stack platform using Next.js, TypeScript, PostgreSQL, and JWT auth to help Ada Developers Academy students showcase their capstone projects.

Frontend Take-Home – Ramp

- Built a React app to find and reveal a hidden DOM element, fetch a flag, and display it with a typewriter animation.
- Implemented DOM traversal, async/await, and responsive UI styling. [Live [demo](#) available]

Media Player Challenge – Linear

- Developed a modular React media player (deployed on [Vercel](#)) with support for play/pause, seek, and keyboard controls.
- Focused on clean component structure, accessibility, and intuitive UI.

EDUCATION

Ada Developers Academy – Full Stack Web Development

Seattle, WA | Mar 2022 – Jan 2023

Bachelor's in Accounting – Azad University of Tabriz

Tabriz, Iran | Sep 2009 – Apr 2014

SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, Vite, Tailwind CSS, Fluent UI, HTML/CSS, Accessibility
- **Backend:** Node.js, Java, Python, Spring Boot, Flask, REST APIs
- **Databases & Data Tools:** PostgreSQL, MongoDB, JSON, Snowflake platform
- **Testing:** Jest, Cypress, Storybook, Snowfort, TDD, Regression Testing
- **DevOps & Tools:** Git, Webpack, AWS (S3), Azure, CI/CD pipelines
- **Programming Languages:** TypeScript, JavaScript, Python, Java, C++ (basic)
- **Core Concepts:** Data Structures & Algorithms, API Design, System Design, Distributed Systems