

Vida Ghorbannezhad Maleki

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PROFILE SUMMARY

Results-driven software engineer with hands-on experience across frontend, backend, and distributed systems. Proven ability to design scalable features, enhance performance, and ship production-ready code in collaborative environments at Microsoft, Snowflake, and multiple startups. Skilled in TypeScript, Python, Java, and C++, with exposure to large-scale cloud infrastructure and data platforms. Passionate about building reliable systems that balance performance, usability, and maintainability.

PROFESSIONAL EXPERIENCE

Software Engineer Intern

Aug 2024 – Jan 2025

Snowflake – (Bellevue, WA)

- Designed and implemented a configurable data grid for Notebook and Streamlit, enabling persistent column customization and improving workflow efficiency.
- Collaborated on backend DTO updates and API extensions to support runtime and environment metadata.
- Wrote comprehensive unit, regression, and Snowfort tests ensuring stability across distributed Snowflake environments.
- Built “snow streamlit execute,” a CLI tool enabling headless app deployment and faster developer workflows.
- Partnered cross-functionally with product, design, and QA to deliver scalable, reliable solutions in an Agile environment.

Frontend Engineer (Freelancer)

Jan 2024 – Feb 2024

CashZar - (Remote, USA)

- Developed a responsive financial web app based on Figma designs using React and Tailwind CSS.
- Integrated Google Forms with custom validation to improve the user feedback experience.
- Deployed the application to AWS S3 and configured CI/CD workflows for smooth updates and releases.

Full-stack Software Engineer Intern

Jul 2023 – Sep 2023

RentBase – (Remote, USA)

- Designed and implemented a public listings feature with MongoDB schemas and Node.js APIs.
- Refactored numerous React components with Tailwind CSS for improved maintainability and UI consistency.
- Wrote automated tests (Jest, Cypress) for critical user flows to catch bugs early and ensure stability.

Software Engineer Intern

Aug 2022 – Jan 2023

Microsoft - (Redmond, WA)

- Built and shipped Office integration features for the Edge sidebar (172K+ DAU) using TypeScript, Fluent UI, and C++.
- Developed a Chromium-based engagement histogram, optimizing telemetry pipelines and performance tracking.
- Improved accessibility using Narrator testing (WCAG 2.1 AA) and managed phased rollouts via feature flags and Azure DevOps pipelines.
- Contributed to debugging, testing, and safe deployment processes across Windows environments.

PROJECTS

DevLens – VS Code Extension (Published on Marketplace) [DevLens Extension](#)

- Designed and published a Visual Studio Code extension to enhance developer productivity through AI-assisted context analysis.
- Built with TypeScript and VS Code API, implementing custom commands, configuration handling, and UI elements.
- Integrated OpenAI API for intelligent code explanations and insights directly in the editor.
- Published and maintained on the VS Code Marketplace with continuous updates based on developer feedback.

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.

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
- **Technical Focus:** Systems Programming, Concurrency, Reliability Engineering, Distributed Architecture, API Design