

Sashank Ravipati

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US Permanent Resident - No Sponsorship Required

EDUCATION

George Mason University

Bachelor of Science in Computer Science — GPA: 4.0 — Dean's List

Fairfax, VA

Expected May 2026

EXPERIENCE

Technical Mentor

Google Summer of Code

Mentoring a GSoC contributor through a 12-week project to enhance Zulip's Integration Library. [project](#)

San Francisco, CA

May 2025 – Present

- Provided technical guidance and code reviews on integration features, admin settings, and platform enhancements.
- Led weekly checkins, unblocked issues, and ensured progress aligned with project milestones.

Software Engineering Intern

Zulip

Selected for Google's open-source program, Google Summer of Code 2024, as one of 17 contributors to work with Zulip. Contributed to the Terminal client through 20+ pull requests and code reviews. [project](#)

San Francisco, CA

May 2024 - Oct 2024

- Improved message composition, rendering, and hotkey handling in the terminal client; kept the client up to date with Zulip server API changes and protocols. Added support for TUI widgets, such as polls and TODO lists.
- Strengthened the pytest suite to ensure consistent test behavior with 90%+ coverage across WSL, macOS, and Linux.

TECHNICAL SKILLS

Languages & Databases: Python, TypeScript, Go, Java, Bash, MySQL, PostgreSQL, MongoDB

Frameworks & Libraries: React, Next.js, Flask, FastAPI, Pytest, TensorFlow, LangChain, LlamaIndex

Tools & Platforms: Git, GitHub Actions, Docker, Kubernetes, Helm, AWS, CI/CD, Redis

Core Concepts: Data Structures, Algorithms, OOP, Agile Development, API Design, Automation, REST APIs

Certifications: Machine Learning Specialization – Stanford Online

PROJECTS

BYOC Deployment Platform (Bring Your Own Cloud) | *Go, Typescript, Next.js, PostgreSQL, Kubernetes*

- Built a full-stack platform MVP with a ReactJS dashboard to enable SaaS companies to deploy into customer managed cloud clusters using the Bring Your Own Cloud (BYOC) model.
- Implemented a centralized orchestrator with REST APIs, GitOps style sync, and task execution via outbound-only, stateless Kubernetes agents.

BlockFund | *Python, Flask, Polygon (OpenZeppelin), Solidity, MySQL*

- Secured 2nd place overall at the Prudentia Hackathon hosted by IEEE - VIT among 75+ participating teams.
- Developed a decentralized crowdfunding platform with DAO-based fund governance and ERC-721 NFT issuance.

CareerX | *Next.js, FastAPI, Python, TailwindCSS, scikit-learn*

- AI-powered career guidance tool for students using Myers-Briggs personality types and aptitude based questions to generate career path recommendations via a KNN classifier.

EXTRACURRICULAR

Computer Society of India (CSI-VIT)

Core Committee Member

June 2023 - Oct 2024

- Mentored 250+ participants at ForkThis, an open-source workshop and competition held during VIT's technical fest gravITAS; taught Git workflows and guided students through their first pull requests.
- Led hands-on sessions on version control, web development, and API design; supported logistics and management for CSI's flagship Laser Tag event, which drew 1000+ attendees.