

Suzal Regmi

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Results-oriented Software Engineer specializing in full-cycle development, containerization, and AI/ML workflows. Skilled in building scalable, efficient solutions that drive operational excellence.

Education

Georgia State University - Honors

Atlanta, GA

Bachelor of Science in Computer Science

GPA: 4.0

Honors: Generation Google Scholar (2023), NCR Scholar (2024), Basta SWEP

Experience

Paramount

Atlanta, GA

Software Engineer Intern

Aug. 2023 – Present

- Engineered the company's first REST API integrated with a PostgreSQL database, enhancing data accessibility and operational efficiency.
- Developed in-house web assessments that automated candidate score updates, eliminating outsourced processes and reducing manual data entry time by **over 90%**, saving recruiters an estimated **80 hours** every month.
- Analyzed data from over **900,000 candidate profiles**, enabling actionable business insights through extensive parsing and cleaning.
- Spearheaded deployment of Dockerized applications on Azure to ensure robust, scalable service delivery.
- Implemented in-house attendance tracking and video interview solutions, streamlining recruitment processes.
- Leading the development of a personalized candidate automation chatbot to boost engagement and efficiency.

Georgia State University

Atlanta, GA

Research Assistant - ARCTIC

Jan. 2025 – Present

- Collaborating with interdisciplinary teams to optimize AI/ML workflows across HPC clusters, cloud platforms, and containerized environments.
- Developing a chatbot with a vector knowledgebase to streamline error detection and resolution.
- Working on Proflex, a web platform facilitating access to specialized HPC Kubernetes pods and LLMs for researchers.
- Refactored telemetry code into modular functions, reducing **code duplication by 40%** and improving error handling.

Learning Environment Support Technician - IIT

Mar. 2023 – Jan. 2025

- Coordinated installation, maintenance, and repair of IT/AV devices across collaborative campus spaces.
- Managed technical support via ServiceNow, resolving over **150 tickets** to minimize downtime.

Projects

Thriftopedia | Python, PostgreSQL, React, TypeScript, Vite

April 2025 – Present

- Building a search engine that connects users with curated vintage fashion sellers, simplifying discovery.
- Developing the backend using FastAPI and PostgreSQL, wireframes using Penpot, and the frontend using React, Vite, and TypeScript.

J.A.R.V.I.S | Python, Ollama, MCP

April 2025 – Present

- Developing an NLP assistant leveraging a comprehensive MCP server-client architecture for secure, bidirectional communication and seamless integration with diverse applications.
- Integrates Whisper for Speech-to-Text, Mistral as the LLM, and Kokoro for Text-to-Speech to deliver high-quality, responsive interactions while ensuring that prompt processing remains local for enhanced privacy.

dotFiles | Bash, Unix

Jan. 2023 – Present

- Customizing Unix dot files to enhance productivity and optimize window manager configurations.
- Open sourced my XMonad window-manager setup, earning over **200 upvotes** on r/unixporn and **6 GitHub stars** as others forked and adopted the setup.

Skills

Programming Languages: Python, Bash

Developer Tools: Linux, REST APIs, Git, Docker, Kubernetes, HPC Clusters, Azure, PostgreSQL, DBeaver, Nginx

AI Technologies: Generative AI, llama.cpp, Ollama, Model Context Protocol, Dify