

# 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 **30 hours** per 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 | *React, Python, PostgreSQL*

April 2025 – Present

- Building a search engine that connects users with curated vintage fashion sellers, simplifying discovery.

dotFiles | *Bash, Lua, Haskell, Python*

Jan. 2023 – Present

- Customizing Unix dot files to enhance productivity and optimize window manager configurations.

## Hackathons

Transitify | UGAHacks - Feb. 2023: Developed an Android app in Flutter leveraging Google Maps and MARTA APIs to promote efficient, green commuting through real-time tracking and route planning.

LeadLess | Hacklytics - Feb. 2023: Analyzed lead emission datasets and built a website to raise awareness about lead poisoning risks.

## Skills

**Programming Languages:** Python, Bash

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

**Technical Expertise:** AI/ML Workflows, HPC Clusters, Cloud Platforms, Containerization, Cyberinfrastructure