

# SUZAL REGMI

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## Education

### Georgia State University, Honors College

Atlanta, GA

B.S. Computer Science (GPA: 4.0)

Dec 2025

Merit Scholarships: **Generation Google Scholar (2023)**, NCR Scholar (2024), Basta G-SWEP Fellow

## Experience

### Paramount

Atlanta, GA

Software Engineer Intern

Aug 2023 – Aug 2025

- Shipped internal REST APIs backed by PostgreSQL, unblocking cross-team data access and cutting manual data pulls by **85%**.
- Automated web assessments that update candidate scores in real time, eliminating **90%** of manual entry and saving recruiters **80+ hours/month**.
- Built Python ETL pipelines to clean/standardize **1M+** candidate profiles, enabling downstream analytics.
- Containerized microservices with Docker and rolled out on Azure with zero downtime, accelerating release cycles by **30%**.
- Developed a self-serve video interview platform with Flask and Azure that automated candidate screening, handled **700+ interviews**, and reduced wait times by **60%**.

### Georgia State University

Atlanta, GA

Software Developer, ARCTIC Lab

Jan 2025 – Present

- Support a community of **550+** researchers on HPC/container platforms powering **300K+ CPU hours/week** and supporting **114+** publications.
- Built a wiki-augmented LLM chatbot with vector search and Mistral inference for rapid troubleshooting and automated resolution.
- Delivered features in Proflex (Angular + Django), exposing REST endpoints to orchestrate Kubernetes compute jobs.
- Refactored telemetry into modular components, reducing **code duplication by 40%** and improving error handling.

Learning Environment Support Technician, IIT

Mar 2023 – Jan 2025

- Maintained IT/AV systems across collaborative spaces; resolved **150+** ServiceNow tickets at **95%** satisfaction.

## Projects

Homelab | Proxmox, Docker, Tailscale

Sep 2025 – Present

- A homelab on Proxmox self-hosting **Immich**, **Nextcloud**, and **Jellyfin** using Docker Compose with hardware transcoding and secure remote access through **Tailscale**.
- Maintaining **99%+ uptime** with **RAID redundancy** and **off-site backups** for data resilience

Thriftopedia | Python, PostgreSQL, React, TypeScript, Vite

Apr 2025 – Jun 2025

- A search engine that connects users with curated vintage fashion sellers like eBay & Etsy, simplifying discovery.

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

Apr 2025

- Local, privacy-first NLP assistant using Whisper (ASR), Mistral via Ollama, and MCP for tool access.

dotFiles | Bash, Unix

Jan 2023 – Aug 2025

- Customized Unix dot files enhancing productivity with window managers and tool configurations; recognized with **200+ upvotes** (r/unixporn) and **6 GitHub stars**

## Technical Skills

**Languages:** Python, TypeScript/JavaScript, Bash, SQL

**Frameworks:** React, FastAPI, Django, Angular

**Data & Infra:** PostgreSQL, Docker, Kubernetes, Slurm

**Cloud/DevOps:** Azure, CI/CD (GitHub Actions), Helm, Nginx, Sentry, PostHog, Linux/Unix, Proxmox