

Gianni Bautista

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SKILLS

Programming Languages: Python | JavaScript | TypeScript | C# | PowerShell | KQL | SQL

Technologies: React | Django | FastAPI | Go | ChromaDB | HTML | CSS | Spring Boot | Azure | Figma | MySQL

AI/LLM: Anthropic API, RAG, Prompt Engineering

PROFESSIONAL EXPERIENCE

Associate Site Reliability Engineer
Navy Federal Credit Union

June 2025 – Present
Vienna, VA

- Built a full stack application using Django, React, JavaScript, and SQL that gamifies cloud resource efficiency across business units, featuring a custom scoring algorithm to calculate usage efficiency and encourage cost savings — currently being deployed to production for 20,000+ employees.
- Developed Infrastructure as Code templates using Bicep and PowerShell to create chaos experiments, establishing chaos engineering practices within the organization.
- Established Infrastructure as Code practices for metric alert creation using PowerShell and Bicep, reducing alert provisioning from 2-5 minutes per alert to seconds, capable of generating 150+ alerts in under 5 minutes.
- Built automated reporting pipeline using Azure Logic Apps to deliver daily metrics reports to business units, fully replacing a previously manual reporting process.
- Created Grafana dashboards for the incident management team and assisted senior engineers in incident response and postmortem reviews to identify root causes.

Cloud Engineer Intern (Site Reliability)
Navy Federal Credit Union

May 2024 – June 2025
Vienna, VA

- Developed PowerShell script to automate the categorization of project-related alerts by severity and region, analyzing data to identify trends and presenting key insights to leadership and improving decision-making for risk prioritization.
- Automated the activation of PIM roles for Azure resources using a custom PowerShell script, reducing manual effort and improving operational efficiency for cloud resource management.

Software Engineering Intern
Optum

June 2023 – March 2024
Raleigh, NC

- Built a full stack web application using React, SpringBoot, and MySQL, currently in production use by an internal team, resulting in a 30% reduction in the time required for contract creation and updates.
- Designed and implemented a comprehensive relational database solution with an integrated UI, replacing Excel sheets and significantly improving data management efficiency.
- Developed REST api using Java SpringBoot linking the front-end application seamlessly to relational database.
- Collaborated with clients multiple times a week to assess requirements and refine key features of the application.

PERSONAL PROJECTS

Incident Response AI

May 2026 – Present

<https://github.com/lilyanniii/incident-response-ai>

- Developed a RAG-based AI tool using FastAPI and ChromaDB for semantic search over historical incident data, integrated with the Anthropic API for LLM-powered root cause analysis and troubleshooting suggestions.
- Built a Go CLI tool for engineers to interact with the system from the terminal.

EDUCATION

Virginia Commonwealth University, College of Engineering
B.S. in Computer Science

Richmond, VA
May 2025