

GIRIDHAR GANTA

gantagiri4@gmail.com | 703.309.0499 | linkedin.com/in/giriganta/

EDUCATION

Virginia Tech, Blacksburg, VA

M. Eng. Computer Science, GPA 3.8/4.0

December 2024

B.S. Computer Science, GPA 3.8/4.0

December 2023

PROFESSIONAL EXPERIENCE

MetLife, Cary, NC

Site Reliability Engineering Intern, Enablement Platforms

June 2024 - February 2025

- Automated internal AppDynamics blackout process to run on cron job eliminating human intervention
- Automated process runtime to mark disconnected, historical, available nodes and implemented multithreading to improve efficiency by 90%

Site Reliability Engineering Intern, Enablement Platforms

May 2023 - August 2023

- Created Azure Pipeline ingesting YAML file to automatically build SLO in Nobl9
- Evaluated viability of Nobl9 against Terraform, OpenSLO to process YAML contents
- Developed workflow and requirements documentation for YAML intake processes

Comcast Corporation, Philadelphia, PA

Database Administrator Intern, DevOps

May 2022 - August 2022

- Implemented user activity page for self-service kiosk using Golang, React.js, and Rest API; driving 35% boost in productivity enterprise-wide and enhanced interactions and preference tracking capabilities,
- Collaborated with team of interns to present NPS Elevation to senior executives, showcasing 20% increase in customer satisfaction and 15% boost in customer retention through targeted action plans
- Modernized workflow to update router host file as config hosts change through Ansible

Plateau Inc., Fairfax, VA

Software Engineering Intern

June 2020 - August 2020

- Developed Model-View-Controller application for web server backend
- Designed and provisioned databases using SQL Server & C#

PROJECTS

Dungeon and Dragons Generator, CS 5934 Project

December 2024

- Created web application utilizing Generative AI (ChatGPT, DALL-E, Audacity, Udio) to aid dungeon masters in creating immersive gaming experiences for [target audience]
- Developed multiple session capabilities using Firebase Firestore database to store user, campaign, and music data
- Enabled 24/7 access to web application via deployment with Vercel

Bookstore Ecommerce Website, CS 5244 Project

May 2024

- Produced personal bookstore e-commerce site allowing book catalog browsing and order submissions/processing
- Used vuevalidate to implement authentication/authorization, session handling, resource management, rich user history

Prerequisite Visualizer, CS 4704 Project

December 2023

- Delivered fullstack project to visualize CS undergraduate course prerequisites for College of Engineering stakeholders
- Utilized MERN stack to store/fetch data for visualization website
- Hosted project with Docker containers; leveraged Git version control for real-time collaboration and on-time delivery

SKILLS

Java, Python, C, C++, C#, Kotlin, Android, Golang, Express.js, Node.js, MATLAB, React.js, Vue.js, Ajax, MySQL, SQL Server, MongoDB, Firebase, Ansible, Docker, Kubernetes, Azure DevOps, Nobl9, Sloci, Watermelon, AI/ML-driven data analysis and design