

# HARITA AGARWAL

Open to Relocation | Henrico, VA | (804) 698-0582 | haritaagarwal1@gmail.com |  
<https://www.linkedin.com/in/harita-agarwal/> | <https://github.com/hpa179>

## Summary

Cybersecurity-focused computer science student with expertise in software development, REST APIs, microservices, and SAP EWM. Proven ability to solve complex problems, adapt quickly, and contribute effectively to team-driven projects.

## Education

### Virginia Commonwealth University, Richmond, VA

Bachelor of Science in Computer Science with Cybersecurity Concentration  
GPA: 3.7 | Magna Cum Laude | Dean's List: Fall 2023, Spring 2024

Graduation: December 2024

### J. Sargeant Reynolds Community College, Richmond, VA

Associate of Science in Computer Science  
GPA: 3.9 | Summa Cum Laude | Dean's List: Fall 2020–Spring 2022

**Relevant Courses:** Network Security | Computer Organization | Computer Systems | Data Networking | Artificial Intelligence | Software as Service | Algorithms & Data Structures | Database Theory | Cryptography | Cybersecurity

**Technical Skills:** Java | Python | JavaScript | C | HTML | CSS | SQL | React | DynamoDB | SAP EWM

**Tools:** GitHub | CI/CD | Flask | Linux | Docker | MySQL | PyCharm | IntelliJ | Visual Studio Code

**Certifications:** Linux Command Line (2022) | Data Science by CISCO (May 2023) | Microsoft Azure AI-900 (Sep 2023) | Cybersecurity Foundations (Feb 2024) | AWS Cloud Practitioner (in progress) | SAP EWM Certified Associate (Dec 2024)

## Programming Experience

### Executive Dashboard, Developer - Capital One Senior Design, Richmond, VA | Sep 2023 – Apr 2024

- Developed an Executive Dashboard with three developers, integrating Single Sign-On and advanced graphical representations using React and Python for frontend, Node.js for backend APIs, and Amazon DynamoDB for data storage to visualize security risks, incident status, and assessments, enhancing decision-making efficiency.
- Implemented a predictive logistic regression model that forecasts future incidents with an accuracy rate of 92%, enabling stakeholders to address potential issues and reduce incident occurrence.

### VCU MegaHack Hackathon, Developer, Richmond, VA | Jan 2024

- Engineered CodeScape as a transformative tool for translating pseudocode into functional code; utilized Python, HTML, CSS, and JavaScript within a collaborative team of four developers to streamline overall development processes.

### Web Development Intern, Developer - Christian's Pizza, Tuckahoe, VA | Sep 2021 – Feb 2022

- Developed an interactive website framework using HTML, CSS, and JavaScript that enhanced customer user experience; collaborated with four teammates in weekly sprints to streamline project delivery timelines by 20%.

## Independent Projects

### Gym Management System (SQL)

- Streamlined operational workflows for fitness facilities, implementing NoSQL databases and Lucidchart diagrams to enhance member engagement.

### Portfolio Website (HTML, CSS, JavaScript)

- Launched a personal portfolio website designed with HTML, CSS, and JavaScript, which streamlined the presentation of work and received positive feedback from 10+ industry professionals during networking events.

### Mental Health Website (CSS, Python, HTML)

- Engineered a Flask web application centered on mental health awareness, enabling users to read informative articles, submit comments for community engagement, and easily reach out through contact forms.

## Academic Projects

### Food Bank Monitor System - Programming Languages, VCU | Jan 2024 – May 2024

- Produced a multi-threaded Java program using monitors for synchronized access to a shared FoodBank, ensuring thread-safe food production and consumption.

### CI/CD Pipeline Automation - Software as a Service, VCU | Jan 2023 – May 2023

- Composed and deployed a Flask-based REST API with Docker containers, implemented pytest for endpoint validation, and automated the workflow using Ansible/Docker-Compose.

## Student Organizations

- Member, Society of Women Engineers, Richmond, VA August 2023 – December 2024
- Member, Linux User Group, Richmond, VA August 2023 – December 2023