NAHOME KIFLE

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EDUCATION

Virginia Commonwealth University, School of Engineering and Applied Science   Richmond, VA
B.S. Engineering in computer Science   August 2022 - May 2025
Virginia Wesleyan University, School of Engineering   Virginia Beach, VA
B.S. Engineering in Computer Science   August 2021 - May 2022

SKILLS

Technical: Java, Python, SQL(PostgreSQL), PHP, C, JavaScript, HTML/CSS
Frameworks/Developer Tools: Flask, Git, BootStrap, Linux, Docker, REST

WORK EXPERIENCE

DATABASE MANAGER, *VCU Health Hub*   Fall 2024 - Present
- **Automated client data management:** Streamlined data collection by transferring Google Sheet responses to a **PostgreSQL** database via a trigger, using **Flask**, **Python**, and **psycopg2** to query and display the data.
- **Front-end development:** Created a responsive interface with **HTML**, **CSS**, and **Bootstrap** to showcase data and provided stakeholders with detailed monthly insights.

PROJECTS

Ethiopian Eritrean Student Association Network [ESU Website](#)   Spring 2024
- Led the **full**-**stack** development of a LinkedIn-style platform for Ethiopian Student Union alumni. Managed databases with **phpMyAdmin** and integrated **SQL** with **PHP** for dynamic back-end functionality.
- Built the front-end with HTML, CSS, and JavaScript, ensuring responsive design and seamless integration with PHP for dynamic content and database interaction.
- Worked with a partner using **Agile** sprints to deliver a scalable, user-friendly alumni networking platform.

Portfolio Website [Portfolio Website](#)   Fall 2024
- Designed and developed a personal portfolio website using **HTML** and **CSS** for layout and styling, and **JavaScript** for interactive features like scroll animations.
- Utilized **Git** for version control, ensuring organized code management and smooth development processes.

Web Services Application   Fall 2024
- Developed **Flask** microservices for product and cart management, implementing **RESTful** APIs for product inventory and user cart operations while integrating **SQLite** via Flask **SQLAlchemy**.
- Deployed on **Render** with seamless communication between services using **HTTP** requests and conducted thorough endpoint testing with **Postman**.

RAM Safe   Spring 2023
- Fixed **front**-**end** and **back**-**end** issues in the RAM Safe ride-share app, improving performance and usability with **JavaScript** and **HTML/CSS**.
- Collaborated with the team in **Agile sprints**, enhancing the app's reliability and user experience for VCU students.

LEADERSHIP EXPERIENCE

Ethiopian Student Union, *Professional development chair*   Fall 2022 - Spring 2023
- Guided and mentored over 50 members in building resumes and provided career and job search advice.

SHPE, *Active member*   Fall 2023 - Present
- Guided and mentored members through professional workshops.

NSBE, *Active member*   Fall 2022 - Present
- Volunteered at local schools and on campus, offering support and guidance to students related to my major.

Extracurricular Activities

Church Volunteer, *Eyesus Orthodox Church*   Fall 2013 - Present
- Aided in fundraising for a new church, and aided in construction for the new property.
- Served Holy Communion, helped set up and clean up after and before church services.

NCAA D3 Men's Soccer, *Virginia Wesleyan University*   Fall 2021 - May 2022
- ODAC Tournament Semi-Finalist.