

## NAHOME KIFLE

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### EDUCATION

<b>Virginia Commonwealth University, School of Engineering and Applied Science</b>	Richmond, VA
B.S. Engineering in Computer Science	<b>Expected: May 2025</b>
<b>Virginia Wesleyan University, School of Engineering</b>	Virginia Beach, VA
B.S. Engineering in Computer Science	August 2021 - May 2022

### SKILLS

**Technical:** Java, Python, SQL (MySQL, PostgreSQL), PHP, C, JavaScript, HTML/CSS

**Frameworks/Developer Tools:** Flask, Git, REST, Bootstrap, Firebase, SQLite, Linux, Docker, Node.js, React.js

**Coursework:** Software as a Service, Database Theory, Data Structures, Algorithms, Operating Systems

### EXPERIENCE

<b>Software Engineering Intern, VCU Hospital   Richmond, VA</b>	August 2024 - Present
<ul style="list-style-type: none"><li>Improved data retrieval efficiency by 35% using React.js for a dynamic front-end, Node.js for back-end APIs, and PostgreSQL for real-time filtering and categorization.</li><li>Enabled scalable AI-driven search with GPT integration and Docker-Compose, maintaining response times under 200ms for 100+ concurrent users through JMeter testing.</li></ul>	
<b>Database Manager Intern, VCU Health Hub   Richmond, VA</b>	September 2024 - Present
<ul style="list-style-type: none"><li>Increased client data management efficiency by 100% by streamlining data collection through the transfer of Google Sheet responses to a PostgreSQL database using Flask and psycopg2, tracking data for 500+ clients monthly.</li><li>Developed a responsive front-end interface with HTML, CSS, and Bootstrap to display data and provided stakeholders with detailed monthly insights.</li></ul>	
<b>Software Engineer for AI Testing, Outlier   Remote</b>	May 2024 - August 2024
<ul style="list-style-type: none"><li>Evaluated and enhanced over 250 lines of AI-generated code weekly, contributing detailed feedback that improved algorithmic accuracy and functionality by 7%.</li><li>Developed and implemented 50+ robust test cases to validate AI-generated solutions across Python, Java, and TypeScript, ensuring 98% alignment with project specifications and industry coding standards.</li></ul>	
<b>Java Tutor, Superprof   Remote</b>	October 2023 - Present
<ul style="list-style-type: none"><li>Taught core Java concepts, including OOP, data structures, and debugging, while creating personalized lesson plans with hands-on coding exercises to improve comprehension and technical skills.</li></ul>	

### PROJECTS

<b>Ethiopian/Eritrean Student Union Alumni Networking Platform</b>	February 2024 - May 2024
<ul style="list-style-type: none"><li>Led full-stack development of a LinkedIn-style alumni platform, building the front end with HTML, CSS, and JavaScript and integrating SQL with PHP for dynamic, database-driven functionality.</li><li>Implemented Agile methodologies to deliver a scalable, user-friendly platform with responsive design, leveraging phpMyAdmin for database management and ensuring seamless back-end integration.</li></ul>	
<b>Web Services Application</b>	October 2024 - November 2024
<ul style="list-style-type: none"><li>Developed Flask microservices for product and cart management, implementing RESTful APIs for product inventory and user cart operations while integrating SQLite via Flask SQLAlchemy.</li><li>Deployed on Render with seamless communication between services using HTTP requests and conducted thorough endpoint testing with Postman.</li></ul>	

### LEADERSHIP & PROFESSIONAL DEVELOPMENT

<b>Professional development chair, Ethiopian Student Union(ESU)</b>	August 2022 - May 2023
<b>Active member, Society of Hispanic Professional Engineers(SHPE)</b>	August 2024 - Present
<b>Active member, National Society of Engineers(NSBE)</b>	August 2022 - Present