

Chiemela Umeh

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SKILLS

- Full Stack Development – JavaScript, HTML, CSS, React, TypeScript, Node.js, MongoDB, Python
- Developer Tools & Cloud – AWS, Git, Adobe, SQL, Agile, Adobe, Microsoft Excel, Docker, Jenkins

EDUCATION

CGPA: 3.68

University of Houston – Bachelor of Science (B.S.), Computer Science

Expected Dec 2024

- Relevant Coursework: Calculus 1, 2, 3, Linear Systems, Discrete Structures, Programming Concepts
- Demonstrated understanding of computer science fundamentals, including data structures, algorithms, and object-oriented principles in coding workshops using C++
- Developed full stack e-commerce web application using JavaScript, HTML, CSS, React, Node.js. Achieved optimal performance by compressing HTTP network payloads
- Collaborated with a team of 6 students to implement component-based UI, conduct testing, and provide software analysis report to organization team Lead

Galvanize Inc. – Software Engineering Apprenticeship

Aug 2022 – Dec 2022

- 18-week software engineering program with 1000+ hours of hands-on web development using MERN stack, Adobe, Microsoft Word, Microsoft Excel, and AWS
- Achieved product release goals by applying DevOps principles, leveraging Git version control systems, and AWS cloud computing technology
- Upgraded API design and seeded database with 12 million records to test application reliability

Southern Arkansas University | (A.S.), Mechanical Engineering

Jan 2016 – Dec 2017

- Student Director, Math, and Computer Science Club. Fostered teamwork through diversity recruitment strategies which grew organization by 230% in 1 year

EXPERIENCE

Payday – Full Stack Developer (Contract) | Remote

Mar 2023 – Aug 2023

- Maintained payment REST APIs that processed an average of \$45,000 daily. Developed a rate-limiting algorithm using Node.js which led to a 15% decrease in malicious requests
- Initiated transfer of over 800k MongoDB user documents to MySQL which reduced query time by 10%
- Implemented CI/CD Pipelines using Jenkins and eliminated API bottlenecks by automating EC2 instance creation which handled up to 5,000 requests per second

U.S. Army – Team Lead | Fort Hood, TX

Aug 2019 – Dec 2022

- Resolved complex issues in integrated communication and geolocation systems, resulting in a 30% reduction in system downtime
- Established support and repair services for supply team which increased average availability of equipment from 13 days to over 22 days
- Provided mentorship and professional training to soldiers on the use of classified military equipment

PROJECTS

E-commerce – [website](#) | [GitHub](#)

- *Description:* Full Stack JavaScript project demonstrating web development competencies
- Built front end and User Interface with React and implemented CSS for styling

Minterest – [website](#) | [GitHub](#)

- *Description:* MERN stack application that allows users join forums and discuss social interests
- Currently designing version 2 of this website that will allow users create groups within forums

DevOps – [website](#) | [GitHub](#)

- *Description:* Jenkins CI/CD pipeline that automates deployment to testing and production environment
- Implemented and maintain AWS cloud infrastructure (EC2, DynamoDB, S3)