Jeremiah Mensah

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EDUCATION

Carleton College | Northfield, MN
B.A. in Computer Science **Jun 2024**

TECHNICAL SKILLS & CERTIFICATIONS

Certifications: Java Certified Foundation Associate (July 2024), ISTQB Certified Tester Foundation Level (Aug 2024), DHS Trusted Tester (Jan 2025)

Programming Languages: Java, Python, JavaScript, HTML, CSS, C#

Technologies/Frameworks: React, Spring Boot, Selenium, Postman, Jenkins, PostgreSQL, Unity

CI/CD Tools: Jenkins, SonarQube

Project Management: AGILE, GitHub, Slack, Jira

EXPERIENCE

Full-Stack Developer | SkillStorm | Remote **Jul 2024 - Apr 2025**
- Developed a full-stack candy inventory management solution using Spring Boot, PostgreSQL, and ReactJS, providing CRUD functionality
- Designed and implemented a dynamic and responsive UI providing a seamless experience for managing inventory, placing orders, and viewing stock
- Implemented and exposed RESTful APIs for CRUD operations on inventory items, orders, stock, and warehouse data, ensuring seamless interaction between frontend and backend services
- Configured Jenkins pipelines for continuous integration and deployment (CI/CD), automating build and testing processes
- Utilized Selenium for end-to-end testing and Junit/Mockito for unit testing on the backend

Software Developer | Carleton College | Northfield, MN **Jan 2023 - Jun 2024**
- Led development of a Unity Schizophrenia VR project using C#, enhancing graphics, content, and realism for educational virtual environments
- Optimized VR application using OpenXR for cross-platform compatibility across Oculus Rift, HTC Vive, and other VR platforms
- Resolved technical glitches in the scripts, delivering a polished application while maintaining existing application infrastructure
- Designed and implemented 6 new interactive elements for the VR experience, enhancing user experience and engagement

Software Engineer Intern | Wells Fargo | Charlotte, NC **Jun 2022 - Aug 2022**
- Utilized ReactJS, CSS, HTML, and Postman API to build a web app to streamline corporate banking investment tracking, increasing investment tracking efficiency in an Agile workflow
- Conducted and passed 8 unit tests on the web app, resolving 10 UI discrepancies and enhancing user satisfaction by 25%
- Engineered a Java program leveraging Spring Framework and Symphony API, centralizing user and chatroom data and saving future developers over 10 hours of integration time

PROJECTS

AniMatch | Anime Recommendation System **Jun 2025**
Github: https://github.com/jmensah365/AnimeNexus
- Developed an AI-powered anime recommendation system matching users with content based on preferences, reactions, and watch history
- Created a scalable backend architecture using Node.js and Express.js, implementing API endpoints for data retrieval and personalized recommendations
- Integrated Gemini's generative AI API for advanced recommendations, analyzing a user's preferences, reactions, and viewing history to provide tailored suggestions
- Implemented Supabase authentication and database infrastructure with a responsive UI using React.js and Tailwind CSS, ensuring application security, scalability, and user engagement