ROLAND ADESINA
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EDUCATION:

Frostburg State University · Frostburg, MD
Bachelor's of Science in Computer Science | Minor in Mathematics
Bachelor's of Arts in Liberal Studies with Focus in Mathematics · Dean's List Recipient

SKILLS

Programming: Python, Java, R, SQL, JavaScript, HTML, CSS
Tools/Technologies: Jira, Git, GitHub, React, SpringBoot, MySQL, Docker, MongoDB, AWS

PROFESSIONAL EXPERIENCE

Associate Technical Consultant | Full Stack Application Development | IBM | *Keyser,WV* | Remote · *March 2023–Present*
- Work closely with cross-functional teams in an Agile environment to deliver scalable, maintainable, and efficient applications. Ensure adherence to best practices in software engineering.
- Optimize system performance and ensure secure coding practices to protect sensitive data. Identify and resolve vulnerabilities proactively.
- Develop scalable and efficient integration solutions that streamline deployment and maintenance processes. Ensure seamless CI/CD implementation.
- Quickly identify and resolve production issues while ensuring minimal disruption. Communicate findings clearly to technical and non-technical stakeholders.
- Work effectively under pressure, balancing multiple priorities while maintaining high code quality and stakeholder satisfaction.
- Stay updated with emerging technologies and implement best practices for cloud and container-based development. Enhance collaboration and workflow efficiency using modern tools.

Software Engineering Intern/Apprentice | Java OOP | **CODE DIFFERENTLY** | *Wilmington, DE* | Remote · *June 2022 - August 2022*
- Designed and developed applications using Core Java, applying Object-Oriented Programming (OOP) principles to create efficient, scalable, and maintainable code. Worked in an Agile environment, adapting to changing requirements and delivering iterative improvements.
- Participated in all SDLC phases, including gathering requirements, designing system architecture, coding, testing, and deployment. Ensured adherence to best practices and coding standards.
- Diagnosed and fixed critical software issues, ensuring stability and performance. Used debugging tools and logs to identify root causes and implement effective solutions.
- Collaborated with cross-functional teams to deliver IT solutions tailored to specific business needs.
- Engaged in mentorship, knowledge sharing, and continuous learning to enhance technical skills. Applied new concepts to real-world projects.

Teaching/Learning Assistant | Mathematics Department | Frostburg State University | *Frostburg, MD* · *January 2020 – May 2022*
- Facilitated student learning by conducting group instruction and providing one-on-one support for complex mathematical concepts.
- Developed organizational systems for instructional materials and graded assessments.
- Fostered a positive learning environment and contributed to progress reports and performance tracking.

PROJECTS

Senior Capstone Project | Frostburg State University · *December 2022*
- Developed a command-line weather application using Python, integrating real-time data via APIs. The app prioritizes ease of use, providing clear prompts and weather insights for any user-inputted location.
- The application provides intuitive prompts, allowing users to input locations easily. It displays structured and readable weather reports with essential weather metrics.
- The project enhanced my Python skills, particularly in API integration, error handling, and iterative development. I refined data parsing and structured output presentation while improving debugging efficiency.

Expense Management Application | Personal Project · *March 2025*
- Developed a terminal expense application integrating the generation of .csv files that update in real time to data entries. This app provides clear prompts and instructions to help budget personal funds across 5 possible categories.
- The application provides intuitive prompts and color coding to allow users to understand whether they are above or below budget, the name of every expense they made, the amount they paid, what category it falls under, and the remaining budget for the remainder of the month.
- The project improved my existing Python skills in file generation and managing different functionalities of the same project.

LEADERSHIP AND ACTIVITIES
- National Society of Leadership and Success (2018- Present)
- Player | Chess Club (2018 - 2022)
- Member | Dead Poets Society (2020 - 2022)
- Model | Modeling Team (2018)
- Athlete | Rugby Team (2018-2020)

HONORS AND AWARDS
- Dean's List Recipient
- Frostburg State University Honors Scholarship
- Eric Williams Presidential Merit Scholarship Recipient in Mathematics