Raju Boga

Graduate Assistant | Software Engineer

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Summary

Tech lunatic with over 3 years of experience, specializing in full-stack development using Angular, MongoDB, and Spring Boot using Java, with an interest in software development and research. Adept at leading the development of scalable applications and implementing innovative solutions that drive user satisfaction and operational efficiency. Passionate about leveraging technology to solve complex problems and enhance user experiences. Seeking to contribute to forward-thinking teams in a challenging software engineering role.

Technical Skills

- **Programming Languages:** Java, Python, C++
- **Web Technologies:** HTML, CSS, JavaScript, Angular, Microservices
- **Data Bases:** MongoDB, SQL
- **Tools & Technologies:** AWS(EC2, ECS, RDS, S3, CloudWatch), Jira, Bitbucket, Git, Agile
- **Microsoft Tools:** Windows, Excel, PowerPoint, Word
- **Research:** Systematic Literature Review (SLR), Text Analytics, Latex

Professional Experience

Graduate Assistant, University of Central Missouri, Lee's Summit, MO · Sep 2023 – Present

- Provided academic support to graduate students, focusing on advanced application development using Java and Spring Boot, including setting up environments, guiding CRUD application and Rest API development.
- Solved technical problems for students related to project setups and software environments, enhancing their understanding of complex development concepts.
- Assisted faculty with research projects and academic tasks, supporting data analysis, literature reviews, and report preparation.

Software Engineer, Carelon Global Solutions, Hyderabad, India · Nov 2021 – Jul 2023

- Designed and developed highly scalable microservices, ensuring full compliance with security standards and best practices.
- Integrated REST APIs and relational databases for efficient data handling and processing, improving system throughput by 60%.
- Implemented CI/CD pipelines to streamline deployment, testing, and monitoring of services, ensuring continuous integration across various environments.
- Collaborated with DevOps teams to implement continuous monitoring and auditing processes, ensuring system compliance with security protocols.
- Participated in an on-call rotation, troubleshooting and resolving issues in production environments with a focus on minimizing downtime and improving service reliability.

Intern, MediaMint, Hyderabad, India · Sep 2021 – Nov 2021

- Completed training in Programmatic Media buying and Ad Operations, achieving 95% proficiency in The Trade Desk and DV360 platforms.
- Designed and executed ad campaigns, increasing client engagement and optimizing workflow efficiency by 25%.
- Enhanced campaign performance through strategic planning, reducing turnaround time and improving overall results.

Education

University of Central Missouri, Lee's Summit, MO   Aug 2023 – Present
Master of Science in Big Data Analytics and Information Technology

- GPA: 3.71/4.0 (Transcript)
- **Coursework:** Big Data Architecture, Advanced Java, Business Intelligence, Project Management

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India   Jul 2018 – Jul 2021
Bachelor of Technology in Information Technology

- **Coursework:** Data Base Management System, Linux, Java, Web Technologies, Data Analytics

Projects

Alumni Services: github/RJBOGA/almaMater
Technologies: Spring Boot, Angular, SQL

- Built an Alumni Services web application that enables users to connect with fellow alumni, post job opportunities, and provide referrals. The application was built with Spring Boot for the backend, Angular for a dynamic frontend, and SQL for robust data management. Ensured secure and efficient communication between users while maintaining a responsive user interface.

Employee Assistance Program (EAP) Application:
Client: Anthem/Elevance Health | Technologies: Spring Boot, MongoDB, Angular

- Developed a secure and scalable Employee Assistance Program application for Anthem/Elevance Health, providing employees with access to confidential counseling services. The backend was structured using microservices with Spring Boot, ensuring high availability and fault tolerance. Utilized MongoDB for flexible data handling and Angular to create an intuitive frontend interface, resulting in a user-friendly experience.

Research Project: Project Management for the future
Decision Science Institute | Technologies: Python, NLP, Scikit-learn

- Conducted text analytics using machine learning to analyze a collection of research papers and identify emerging trends in project management methodologies. Employed Natural Language Processing (NLP) techniques to extract key topics and classify them, allowing for deeper insight into the evolution of project management practices. Findings from this analysis were compiled into a research paper and accepted for presentation at the **DSI Conference.**

Courses/ Certification

Python Python Foundation Course – Kaggle

AWS Academy Graduate AWS Academy Machine Learning Foundations

Agile Job Simulation (2023): Completed Agile Job Simulation by JPMorgan Chase & Co, showcasing proficiency in Agile methodologies.

Awards / Achivements

Impact Award (2022): Recognized for excellence in developing the Employee Assistance Program at Carelon.

Impact Award (2023): Awarded for exceptional performance at Carelon Global Solutions.

Publications & Research

Co-authored "Project Management for the Future," accepted for presentation at the DSI Conference in November 2024.