

# Raju Boga

Graduate Assistant | Software Engineer

Overland Park, KS | [rx42770@ucmo.edu](mailto:rx42770@ucmo.edu) | (913) 207-8061 | [Portfolio](#) | [LinkedIn](#) | [Github](#)

## Summary

As a developer, I find joy in turning challenges into innovative applications. I have hands-on experience with Spring Boot, Angular, and MongoDB, allowing me to build systems that are both functional and user-centric. My focus is always on creating scalable, maintainable solutions that drive efficiency and improve experiences because great software isn't just about functionality; it's about the people who use it.

## Technical Skills

- **Programming Languages:** Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, Angular, SpringBoot, Microservices
- **Data Bases:** SQL, MongoDB, DynamoDB
- **Tools & Technologies:** AWS(EC2, ECS, RDS, S3), Jira, Bitbucket, Git, Agile
- **Research:** Machine Learning, Text Analytics, Systematic Literature Review (SLR), Latex
- **Other :** Fundamentals in Data Engineering, Machine learning and Gen-AI

## 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.
- Co-authored and presented a research paper titled "Project Management for the Future" at the DSI Conference 2024, highlighting innovative methodologies for managing complex projects and promoting sustainability in project management.

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

- Designed and developed enterprise-level applications using Java, Spring Boot, and Angular, improving system performance by 60%.
- Built and optimized RESTful APIs and integrated databases like MongoDB for high-performance applications.
- 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.
- Troubleshoot and resolved critical production issues under tight deadlines, ensuring seamless user experience and operational efficiency.

**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

---

**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**.

**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.

## Courses/ Certification

---

**Generative AI Fundamentals(2024)** Databricks academy accreditation for Gen-AI fundamentals

**AWS Academy Graduate(2024)** AWS Academy Machine Learning Foundations

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

## Awards / Achievements

---

**Research Paper Presentation (2024):** Co-authored and presented a paper on project management methodologies at the DSI Conference 2024, showcasing innovation in managing complex workflows.

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

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