

KEERTHANA MITTAKOLA

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SUMMARY

Recent Master's graduate in Computer Science from Chicago State University with specialized skills in Java and web technologies. Expert in designing and implementing scalable web applications and microservices. Proficient in using advanced Java frameworks and tools to develop high-quality software solutions, demonstrated through hands-on experience in full-stack development, API design, and performance optimization. Equipped with deep technical understanding of system architecture, application security, and cloud services integration, delivering high-performance solutions in dynamic environments. Adept in Agile methodologies, fostering efficient project management and team collaboration.

EDUCATION

Master of Computer Science,

Chicago State University, 2022 - 2023

GPA: 4.0

Bachelor of Computer Science

Mallareddy Engineering College for Women, 2017 - 2021

SKILLS

Core Technologies: Java, Spring Framework (Boot, MVC, Data, Security), Hibernate, RESTful Services, OAuth, JWT, Microservices, Event-Driven Architecture

Development Tools: Git, Maven, Jenkins, Docker, Kubernetes, Splunk, JIRA, SonarQube

Database Technologies: Oracle, MySQL, MongoDB, SQL Server, JDBC, JPA

Platforms: AWS, Azure, Google Cloud Platform

Web Technologies: HTML5, CSS3, JavaScript, React.js, Angular, Web Sockets

Performance & Optimization: Caching solutions (Redis, Memcached), Query Optimization, Load Balancing, Elastic Search

EXPERIENCE

Student Tutor

Chicago State University, Chicago, IL | Feb 2023 - Dec 2023

- Played a pivotal role in enhancing the academic experience for both students and faculty with the use of Technology.
- Collaborated closely with stakeholders to identify technology needs and developed tailored solutions to meet those requirements.
- Conducted training sessions and workshops to educate students on the use of technology platforms and applications.

- My multifaceted role encompassed a wide range of responsibilities, reflecting my proficiency in various technologies and computer science-related skills, including Excel, Word, Tableau, databases, Java, Web Development, HTML, CSS, JavaScript, Spring boot and AWS

PROJECTS

Farmers Empowerment and Sustainable Agriculture Platform (FESAP)

- Engineered a microservices-based solution to facilitate real-time interaction between farmers and consumers, incorporating event-driven architecture to handle live data streams and transactions.

Real-time Sales Analytics Dashboard

- Designed and deployed a high-performance analytics platform using Elasticsearch and Kibana for real-time sales data visualization, significantly reducing latency and improving data retrieval times.

Custom Video Streaming Platform

- Architected and led the development of a scalable video streaming service, resembling YouTube's functionality, focusing on security and efficient data handling with advanced Java back-end systems.

ACHIEVEMENTS

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- Awarded Outstanding Achievement in Computer Science for exceptional project work and academic performance at Chicago State University.
 - Maintained a perfect 4.0 GPA throughout academic career, demonstrating consistent academic excellence.