

SANDEEP ANAPARTHI

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EDUCATION

Master of Science - Computer Information Systems , University of Central Missouri

Dec,2024

EXPERIENCE

Software Engineer

Dec 2021 - Dec 2022

Virtusa

Hyderabad, India

- Enhanced front-end and back-end functionalities using Java and Spring Boot, achieving a 30% boost in system efficiency. Optimized database with JPA/Hibernate, resulting in significantly improved data handling.
- Developed RESTful APIs with Spring MVC, enhancing microservices, increasing process efficiency by 40%. Conducted software testing using JUnit, fixing 95% of bugs pre-launch and reducing issues by 40%.
- Applied Java design patterns and multithreading to improve performance, streamlined documentation, cutting onboarding time by 20%, and raised team productivity by 50%.

Software Engineer

July 2020 - Dec 2021

Test Perform

Hyderabad, India

- Spearheaded the analysis, design, and extraction of enterprise applications using Java, Spring, Hibernate, and Groovy Grails, driving a 20% increase in development efficiency and contributing to \$300K in annual savings.
- ETL processes and data migration using PostgreSQL, reducing data processing time by 35%, while generating DAO layers and PL/SQL procedures, improving query performance by 25%.
- Built Java-based microservices using Spring Boot, implementing RESTful APIs and multithreaded processes, which improved system scalability and performance by 30%.
- Administered AWS infrastructure, optimizing resource usage and cutting cloud service costs by 35%, while enhancing front-end performance with React JS and Angular, leading to a 20% rise in user engagement.

Intern

Jan 2020 - june 2020

Just Live Tutors

Hyderabad, India

- Assisted in the development and configuration of Duck Creek policy, billing, and claims solutions, aligning with client-specific requirements and optimizing SQL queries to achieve a 30% improvement in database performance.
- Designed and implemented Java-based ETL processes to integrate and large datasets, improving data transfer efficiency by 40%, while collaborating with cross-functional teams to ensure integration and high-quality delivery.

ACADEMIC PROJECTS

Indo-American Restaurant.

- Created a PHP and JavaScript e-commerce site, increasing orders by 40% with secure payments and MySQL.
- Applied responsive design and security best practices, enhancing user experience across 5 device types.

Medi-Connect

- Formulated and deployed a secure doctor appointment management system using Python Flask and AWS services, enabling 100+ doctors to manage over 1,000 appointments through a scalable, integrated platform.

CERTIFICATION

- Oracle Certified Associate(**Java SE8 Programmer**).[\(View\)](#)

SKILLS

JAVA, Maven, Java Servlet, Spring Boot, Spring MVC, Hibernate, JPA2, Kafka, Microservices, REST APIs, Relational Databases, SQL, PHP, PYTHON, HTML, CSS, JavaScript, AWS services(SQS, SNS, EC2, RDS,Lambda) Azure, Duck Creek tool, Duck Billing, Computer Networking, Application Development, GitHub, Docker.