

SAI KRISHNA BARUPATI

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EDUCATION

UNIVERSITY OF CINCINNATI

Master of Science in Information Technology CGPA: 4.0/4.0

AUGUST 2023 - DECEMBER 2024

Cincinnati, Ohio

CVR COLLEGE OF ENGINEERING

Bachelor of Technology, Information Technology CGPA: 8.99/10

AUGUST 2016 - AUGUST 2020

Hyderabad, India

PROFESSIONAL EXPERIENCE

VERIZON DATA SERVICES

JUNE 2022 - JULY 2023

Engineer- II Software Development

Hyderabad, India

- Designed Backend APIs using Java, Spring Boot, Spring WebFlux and Cassandra DB in Mobilephonemanagement and billing of customer model microservices in telecom industry.
- Engineered and optimized Line Sharing API as part of Apple's Iconic Launch event, resulting in ~74% increase in service performance. Ensured version control through Git.
- Collaborated with teams for various business programs, developing REST APIs in three backend Microservices based on requirements. Produced clean, efficient, and well-documented code.
- Demonstrated leadership by collaborating with stakeholders to gather and define requirements. Mentored and guided a team of three interns during summer internship.

VERIZON DATA SERVICES

AUGUST 2020 - JUNE 2022

Engineer- I Software Development

Hyderabad, India

- Interfaced Local Number Portability program by migrating Monolithic legacy code into microservices by developing required RESTful API's. Employed Gitlab for version control.
- Developed high-quality code in adherence to established code quality standards within the CI/CD pipeline, achieving a code coverage of 90% to ensure optimal performance.
- Demonstrated proficiency in utilizing Swagger for comprehensive API documentation, Kibana for advanced log analysis, and SonarQube for maintaining high code quality standards in backend development.
- Played a pivotal role in four major releases for Verizon, encompassing Apple Iconic launch, Black Friday, Cyber Monday, and Thanksgiving.

VERIZON DATA SERVICES

FEBRUARY 2020 - MAY 2020

Summer Intern

Hyderabad, India

- Resolved reported SonarQube issues in microservices with a commendable ~90% resolution rate. Orchestrated health checks and rectified sanity issues for optimal performance.
- Utilized a diverse tech stack, including React JS, JavaScript, and HTML for front end, and REST APIs to deliver robust solutions. Formulated Test cases using Junit version 5 and conducted Integration Testing.
- Gained knowledge and expertise in Spring Boot, Spring, and Java. Also, gained proficiency in using Kibana, Jira, and GitLab.

UNIVERSITY OF CINCINNATI

SPRING SEMESTER

Graduate Teaching Assistant –Part Time

Cincinnati, Ohio

- Contributed collaboratively with professors in creating new assignments for Human Computer Interaction and IT Research Methods courses. Also provided mentorship to the students.

TECHNICAL SKILLS

- Programming Languages: Java, SQL, CQL, HTML, CSS, Bootstrap, JavaScript
- Database: MySQL, Cassandra DB
- Full Stack Technologies: Microservices, RESTful API, Spring, Spring Boot, Spring Web Flux, Spring Data JPA, Spring Security, Thymeleaf, ReactJS
- Development Tools: Spring Tool Suite, IntelliJ, Maven.
- Testing and Quality Assurance: Swagger, Postman, Junit, Mockito, JMeter, SonarQube.
- Project Management: Jira, Git, Gitlab.

CERTIFICATIONS / ACHIEVEMENT / LEADERSHIP

- Spring Boot Hands-on Lab (In Udemy by Chad Darby)
- Recipient of the **Academic Achievement** Award in the School of Information Technology for the 2023-2024 academic year, conferred by the Director and Dean.
- Got Recognition from the Senior Manager for the Accountability shown, for the Local number portability business program at **VERIZON** and was rewarded with a bonus.
- Led as Group Head at VZ-Green India (Verizon ERG), acknowledged for outstanding volunteer work with 5 CSR badges, showcasing leadership and commitment to community engagement.

SUMMER 2024 AND FALL 2024 CO-OP/INTERN/FULL TIME AVAILABILITY