

PROFESSIONAL SUMMARY

Software Engineer with 4+ years of experience driving innovation and delivering high-performing software solutions using Java, Spring Boot, ReactJS, and cloud technologies. Aiming to leverage my skills and knowledge to drive digital transformation and growth in forward-thinking organizations.

EDUCATION

University of North Carolina at Charlotte – (Master’s) – Computer Science	Jan 2024 – May 2025
Andhra University – (B.Tech) – Electronics and Communications Engineering	Aug 2015 – May 2019

**Available for full-time employment starting May 12, 2025.*

SKILLS

Programming Languages	Java
Web Development	HTML5, CSS3, JavaScript, ReactJS, NodeJs
Database	SQL / MySQL, MongoDB
Web Services	REST, Firebase, AWS, Azure
Framework	Spring, Spring boot, ExpressJs, Kubernetes
Tools	Git, Jenkins, SonarQube, Maven, Docker, Redux, Tableau
IDE's	Eclipse, IntelliJ, MySQL Workbench, VSCode

EXPERIENCE

ICICI (Capgemini Consultant)

Jan 2023 – Nov 2023

Role: Software Engineer

Technologies: Java, Spring Boot, Microservices, REST

- Spearheaded the modernization of ICICI's monolithic mutual funds management system, migrating it to **microservices** architecture using **Spring Boot, RESTful APIs** resulting in **40% increase in system throughput** and **25% increase in scalability**.
- Designed and implemented a templated reporting system leveraging feed file formats to deliver comprehensive transaction data.
- Developed a **microservice** to generate system-specific URLs and deliver timely **notifications** to investors via **E-mail**, by leveraging Java8 parallel streams and lambda expressions to **increase the notice generation throughput by 340% (5K to 22K)**.
- Implemented a comprehensive failure reporting microservice to provide government entities and investors with detailed transaction information, including reasons for failures, ensuring transparency and regulatory compliance.

Verizon (Capgemini Consultant)

Feb 2022 – Jan 2023

Role: Software Engineer

Technologies: Azure, Docker, Java, Kubernetes, Maven, REST, SonarCube

- Designed and implemented a microservice within a distributed SD-WAN provisioning system using **Java, Spring Boot, and REST APIs**, to integrate with **Azure Registry** using **Ericsson Cloud Manager (ECM)** for automated monitoring and alerting of order provisioning, **enhancing provisioning speed by 20%**.
- Leveraged **Swagger UI** to provide comprehensive documentation for the microservice's **REST API**, clearly defining endpoints, request/response structures, and data models, promoting ease of understanding and integration for other teams and systems.
- Developed and executed a comprehensive testing suite for the microservice, leveraging **JUnit 5, Mockito, and Postman** to ensure robust functionality, API integrity, achieving **high code coverage** and minimizing production defects.
- Implemented a robust CI/CD pipeline using **Maven** and **SonarQube** for automated builds, static code analysis, and quality gate enforcement, contributing to the delivery of a highly reliable and maintainable code.
- Developed a comprehensive **Jenkins pipeline** to automate building, testing, and **SonarQube analysis** of the microservice, with detailed reports and test results automatically attached to **JIRA** for enhanced transparency and streamlined workflows.

Samsung Electronics (Tata Consultancy Services)

Jul 2019 – Jan 2022

Role: Software Engineer

Technologies: Java, Spring Boot, React, Redux, Jenkins pipelines

- Worked on an internal knowledge portal, encompassing user roles, core features, data flows, and a microservices-based architecture leveraging **Spring Boot and ReactJS** to ensure **scalability**, maintainability, and responsive user experience.
- Implemented a comprehensive set of features for user engagement and content quality management, including upvotes, downvotes, marking answers as solutions, and favoriting questions, fostering a collaborative knowledge-sharing environment.
- Developed the frontend of the knowledge portal using **ReactJS** and **Redux** for state management.
- Wrote extensive **unit** and **end-to-end** tests, ensuring that core features functioned correctly.
- Utilized Maven and its tools like checkstyle plugin to enforce code style guidelines (linting) and hooks to run automated tests locally before each commit.

ACADEMIC PROJECTS

MY NETFLIX ([Github](#))

Technologies: Axios, ExpressJS, ReactJS, HTML, Tailwind CSS, Material UI

- Developed a fully responsive Netflix-inspired web application using **ReactJS, HTML, Tailwind CSS, and Material UI**.
- Implemented secure user authentication and authorization using **JWT**, along with an **ExpressJS** backend and **Axios** to enable features like browsing and searching.

TIC-TAC-TOE ([Github](#))

Technologies: ReactJS, Bootstrap CSS

- Developed and designed a dynamic and visually appealing Tic-Tac-Toe web application using **ReactJS** and **Bootstrap CSS**, providing users with a seamless and engaging gaming experience.
- Implemented core game logic for player turns, win detection, and a reset function for new games.