

"As a Software Engineer, I bring strong backend development skills, with expertise in building scalable web applications and distributed microservices. Cloud computing and data integration are also areas where I excel. I'm a firm believer in Agile methodologies and have hands-on experience with project management tools and collaborative platforms."

SKILLS:

Front-End Development: JavaScript, ReactJS, Redux, HTML, CSS, Bootstrap

Back-End Development: Java, Python, Spring, Spring Boot

Technologies & Tools: Docker, Apache Kafka, Git, Jenkins, AWS EC2, RDS, Code pipeline, MySQL, Babel, Webpack, NPM, RESTful API Integration, ETL

EXPERIENCE:

Cognizant Technology Solutions | ETL, Java, MySQL

Programmer Analyst Trainee | Mar 2022 – Aug 2022, Remote

- Developed and optimized backend services using Java and Spring Boot, Leveraged MySQL for complex database queries, streamlining data retrieval and contributing to more efficient data processing.
- Collaborated with Informatica and Talend and led the development of a comprehensive ETL project transforming raw data from diverse sources into actionable insights and then loading it into a target database, providing a 20% boost in data accessibility and accuracy.
- Applied Agile methodologies and collaborated closely with cross-functional teams to ensure seamless integration of data transformation processes. Implemented Slowly Changing Dimension (SCD) Type 2, ensuring accurate historical data tracking and analysis.

Projects:

Webcom – Realtime messaging platform | WebSocket, STOMP, Java, Spring

- Engineered and deployed real-time messaging architecture using WebSocket and message brokers, enhancing user engagement by enabling instant communication across the platform.
- Integrated STOMP protocol to manage message delivery and user sessions, enabling users to send and receive messages, join, and leave chat rooms dynamically, and deployed the application to production.

Task Pulse Application | AWS RDS, Java, Spring, Docker

- Built a comprehensive task management web application with LLD best practices, using Java and Spring framework, enabling users to efficiently manage their tasks. Implemented user authentication with secure login methods (form based and OAuth2) using Spring Security, utilized Junit & Mockito to test the application.
- Integrated MySQL database and utilized Spring Data JPA for efficient data management. Demonstrated proficiency in Spring Boot, Spring MVC, Spring Security, and database connectivity and successfully applied the Model-View-Controller architecture.

Course Blend API | Java, Spring Boot, MySQL

- Developed an efficient REST API using Java and Spring Boot, focused on managing student records. Implemented a user-friendly API interface allowing comprehensive management of student course records. Leveraged Spring's Rest services to ensure seamless communication and interaction with the API.

EDUCATION:

Lamar University

M.S., Computer Science

Dec 2024 | Beaumont, TX, USA

GPA: 3.91

JNT University

B.Tech., Electrical and Electronics

Jul 2022

Anantapur, India

Certifications and Courses:

AWS Certified Cloud Practitioner

AWS | FEB 2024 | US

Online Coursework -Udemy

< mastered practical skills in Java, Spring, Spring Boot, React, Kafka, Jenkins and Docker technologies, with a focus on real-world application and development best practices. />

Open Courseware- MIT 6.00

< Developed proficiency in Python with a focus on problem-solving and algorithmic thinking, under the instruction of professors Grimson and Guttag. (MIT online coursework) />

COURSEWORK:

- Data Structures and Algorithms
- Software Engineering
- Cloud Computing
- Programming with Java
- Operating Systems
- Computer Networking

INTERESTS:

- DevOps
- Artificial Intelligence
- Machine Learning
- CI/CD, Automation
- UI/UX