

ANURAG LINGABATHINA

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Experience

Tata Consultancy Services

Aug 2019 – Aug 2022

Software Engineer

Hyderabad, India

- Exhibited proficiency across entire software development life cycle, including tasks such as analyzing requirements, designing, implementing, testing, and maintaining software, all while following the Agile methodology.
- Spearheaded initiative to development of Java modules, applying business rules via Spring using a Test-Driven Development (TDD) approach.
- Coordinated applications on the AWS cloud platform using (AWS) technologies EC2, S3, Elastic Beanstalk, RDS, DynamoDB, and Lambda.
- Leveraged strategic thinking and Java 8 functionalities, including streams, lambda expressions, and functional interfaces, to compose microservices business modules in Spring.
- Collaborated on migration of existing Spring MVC projects to microservices employing Spring Boot, contributing to a collective effort to improve overall architecture.
- Established microservices-based architecture utilizing Spring Boot interacting through REST API.
- Executed Spring Kafka API calls to seamlessly handle messages within a Kafka Cluster configuration.
- Integrated server-side and client-side code seamlessly on AWS, including implementation of AWS Lambda functions to ensure robust cloud-based solutions.
- Devised and initiated numerous RESTful APIs, including defining endpoints, request, and response models, and handling HTTP methods GET, POST, PUT, and DELETE.
- Led efforts to integrate Spring MVC within a project, defining Controllers, Services, and POJO Classes.
- Acclimated to Agile methodology by having daily SCRUM meetings to understand status and resolve any issues.
- Configured Maven dependencies for application-building processes created Pom.xml files.
- Coordinated and conceived a microservice operating Spring framework to extract data from PostgreSQL, generated Excel, and CSV.
- Developed a strong understanding in Git and SVN for version control, as well as Jenkins for CI/CD.
- Accomplished analysis and testing by Junit and Mockito frameworks for unit, integration and functional testing.
- Leveraged distributed messaging systems such as Kafka Streams to scale event-based applications.
- Volunteered and employed Git and Bitbucket as source code repositories, and Jenkins as a part of CI/CD.
- Initiated Agile practices in application development, communicating progress through JIRA.
- Managed business needs and Enforced a robust multi-worker synchronization technique operating Kafka, demonstrating leadership in enriching concurrent events consumption.

Skills

Programming Skills: Java, SQL, C, Shell Script.

Frameworks: Spring, Spring Boot, Spring MVC, SpringData JPA, Hibernate, Maven.

Databases: MySQL, Oracle, PostgreSQL

Version Control: Git, BitBucket.

Hosting/Deployment: AWS Cloud Services, Docker, Jenkins.

Software Engineering: SDLC, AGILE, OOPs.

Tools: RESTful, Postman, Apache Kafka, Junit, JIRA, IntelliJ, Eclipse, Visual Studio, MS Office.

Operating System: Windows, MacOS, Linux, UNIX

Projects

Doctor Appointment System | *Spring Boot Project*

Jan 2023 - May 2023

- Developed a web-based application for scheduling appointments between doctors and patients. Conceived a user-friendly and responsive interface to improve user experience. Operated Java, and Spring Boot to create various functionalities. Formulated functionalities to retrieve appointments for specific dates, enabling efficient appointment tracking.

Project Enigma | *PostgreSQL, Node.js*

Aug 2022 - Dec 2022

- Engineered a Buffalo home services web app and took a proactive stance by employing an advanced technology stack. To ensure scalability and reliable performance, backend adopted Node.js and PostgreSQL. Node.js, chosen for its server-side development prowess, teamed up with PostgreSQL as database management system. Together, formed a robust foundation, driving application's functionality.

Education

University at Buffalo, The State University of New York — 3.5/4.0

Aug 2022 – Dec 2023

Master of Science — Computer Science

Buffalo, New York

VNR Vignana Jyothi Institute of Engineering and Technology — 3.4/4.0

Aug 2015 – May 2019

Bachelor of Technology — Computer Science Engineering

Hyderabad, India