Ankit Mandal

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EDUCATION

SOA University   Bhubneswar, Odisha
Bachelor of Technology in Computer Science   *Jun. 2015 – May 2019*

EXPERIENCE

Software Engineer   March 2022 – Present
Wipro   *Bengaluru*
- Implemented 20+ RESTful web services, adhering to microservices principles such as loose coupling, scalability, and fault tolerance .
- Engineered 15+ JUnit tests for Microservices and Cloud Functions, ensuring robust code and minimal defects.
- Integrated software development principles, design patterns to ensure robustness and maintainability.
- Actively participated in 50+ code reviews to ensure code quality and system stability.
- Collaborated with 10+ stakeholders to define and meet project requirements, resulting in 30% reduction in development time.

Software Engineer   Sep 2019 – Feb 2022
Infosys   *Bengaluru*
- Involved in all phases of Software Development Life Cycle (SDLC) including analysis, design,development, and testing of the project.
- Implemented Agile methodologies to iteratively deliver features and enhancements, achieving a 50% increase in project delivery speed.
- Demonstrated proficiency in Java development, delivering over 15+ high-quality features and enhancements on time.
- Conducted thorough testing using tools like Postman, resulting in a 20% reduction in post-release defects.

PROJECTS

CCDS | *Java, Spring Boot, Microservices, MySql, JPA, Kubernates, Docker, Kafka, Splunk , Postman API, GCP*

* Developed RESTful APIs in alignment with design principles, facilitating seamless communication between different components and achieving 30% reduction in integration time.
* Utilized Spring Boot to define entities and establish database mapping for streamlined data management.
* Utilized MySQL for database design and manipulation, GitHub is primarily employed for managing version control led to a 60% reduction in latency.
* Integrated Google Cloud Pub/Sub(GCP) for establishing efficient and asynchronous communication between services,resulting in a 50% improvement in system responsiveness and scalability.
* Used Jenkins to optimize pipeline execution for efficient and continuous integration.

NCML | *Java, SpringBoot, Microservices, REST, GIT, MySql, Hibernate, Swagger*

* Played a pivotal role in NCML team, contributing to the development of a parts management website that handled over 10,000 transactions per month.
* Utilized Java, Spring Boot, and RESTful APIs to create a robust and scalable platform for parts management, resulting in a 30% improvement in system performance compared to the previous solution.
* Led the implementation of microservices architecture, resulting in reduction in system downtime and a 50% increase in development velocity
* Designed and documented APIs using SwaggerAPI, resulting in a 40% reduction in API integration time and a 50% decrease in communication overhead between development teams and stakeholders .

Enterprise Money Movement | *Java, SpringBoot, Microservices, REST, GIT, MySql, JPA, PostMan*

* Project orchestrates a symphony of processes, seamlessly guiding the movement of money through a complex sequence of stages. It stands as a testament to artistry and precision, orchestrated alongside the FedNow initiative. It's a symphony conducted with PACS standard messages and Hogan postings, driven by financial understanding and unwavering dedication.

* Integral part of the team responsible for orchestrating the complex flow of financial transactions
* Implemented Apache Kafka for real-time event-driven communication between system components
* Effectively managed and orchestrated containers with Rancher and Splunk, enhancing deployment and scaling processes

WareHouse Management System | *Java, HTML, SQL, REST, GIT*

* I worked in the development of a warehouse management system that included receiving, shipping, billing, reporting and administration modules
* The system helped users keep track of inventory as it entered and moved through the warehouse and provided reports in both PDF and spreadsheet formats based on selected criteria.
* Designed and developed the end points (Controllers), Business Layer, DAO Layer using Spring framework.

Technical Skills

Languages: Java, JavaScript, HTML, CSS
Frameworks: Spring, Spring boot
Developer Tools: GCP, Docker, Kubernetes, Gitlab, IntelliJ, Eclipse, STS
Certifications: DSA Algo Certified - Scaler , Google Cloud Certified Developer - Associate, IBM Certified Machine Learning