

Hello

I'm Madhu Kumari

Delhi, India
+91 9599521689
madhuk0092@gmail.com

Experience

NOVEMBER 2022 - PRESENT

Nagarro, Remote - *Associate Staff Engineer*

- Currently developing microservices using SAP CAP for a retail client.
- Improved performance of complex queries over large datasets.
- Created APIs and developed a file upload service using the Chain of Responsibility design pattern for file type, header, and data validation.
- Developed a scheduler to read files from a target bucket and dump data into a database.

APRIL 2022 - NOVEMBER 2022

HCL Technologies, Noida - *Technical Lead*

- Utilized Azure for agile development environments.
- Developed AWS Lambda functions to notify data count mismatches via SNS.
- Implemented KMS for encryption/decryption and CI/CD pipelines for deployments.
- Managed logging with CloudWatch and applied the Chain of Responsibility design pattern.

MAY 2021 - APRIL 2022

IBM, Remote - *Senior System Engineer*

- Worked as a Java backend developer for Barclaycard US REST APIs.
- Practiced Agile methodologies using JIRA for sprint planning and task delivery.
- Created Card Control APIs for credit card management.
- Designed card tracker APIs for delivery status tracking.

DECEMBER 2019 - MAY 2021

InnovationM, Noida - *Senior Java Developer*

- Developed web services for credit cards and mutual funds using Spring Boot.
- Enhanced product Sense Touch with Java and Spring Framework.
- Implemented REST APIs and managed AWS production logs.

MARCH 2017 - NOVEMBER 2019

Aithent Technologies, Gurugram - *Software Engineer*

- Worked as a Java backend developer for Barclaycard US REST APIs.
- Practiced Agile methodologies using JIRA for sprint planning and task delivery.
- Created Card Control APIs for credit card management.
- Designed card tracker APIs for delivery status tracking.

Skills

Languages	Java
Frameworks	Struts, Spring MVC, Spring Boot
Databases	MySQL, Oracle, MongoDB
Version Control	SVN, GIT
Tools	Eclipse, Postman, IntelliJ, SOAPUI
Server	WildFly, Tomcat
Frontend	jQuery, JavaScript, JSP, HTML5, Bootstrap, CSS3, React.js
Cloud	AWS,SAP
Code Quality and CI/CD	SonarQube, SonarLint, Jenkins
Containerization and Orchestration	Docker, Kubernetes

Projects

Rhoads' PCRM

- Upgraded DTO mapping from Hibernate Entity to Annotation.
- Transitioned from Struts 1.2 to Struts 1.3.
- Managed builds and releases with Ant Build Tool.
- Enhanced and debugged production systems.
- Developed a frontend page for questionnaire and response stored in database table.
- Developed xml based mail template for different clients to trigger mail based on the expiration date.

SenseLCM

- Collaborated on Spring framework and Hibernate applications.
- Executed Agile methodology for requirement analysis and development.
- Implemented Java-based solutions and data structures.
- Configured hardcoded functionalities into configuration-based systems.

Sense IT MAID – Energy

- Developed REST APIs for Android and SCADA devices.
- Engineered data processing engines and portals.
- Implemented file handling and encryption functionalities.

FreeCharge

- Developed web services for Mutual Funds and loans.
- Troubleshoot the cases comes from support team of the failed cases from the production system.
- Created the script to track the cases for users those didnt complete their journey for loans.
- Intreagted the SEBI apis in our system.

Barclays

- Created Card Control and card tracker APIs for Barclaycard US.
- We have used the microservices architecture to develop multiple services.
- Developed and design api contract for credit cards to onboard journey.

Autoscore

- Developed REST APIs for a website.
- Created services for file upload to S3, data processing, and insertion into the database, triggered by file uploads.
- Implemented calculation services triggered from UI and stored results in MongoDB.
- Generated reports for performance scoring at various levels.
- Used CloudWatch for log monitoring and SonarQube/SonarLint for code quality.

DMS System POC

- Conducted reverse engineering on a system built with Oracle Form Builder.
- Converted procedures and packages into microservices.
- Improved system performance by tuning queries and implementing caching for master data.
- Responsible for to guide team around requirement and also help BAs to understand the requirement so that they can create stories for development team.

Education

- **MCA** (2017) - Guru Gobind Singh Indraprastha University, 83%
- **BCA** (2014) - IGNOU
- **12th** - Kendriya Vidyalaya No. 1, Delhi Cantt-10
- **10th** - Kendriya Vidyalaya No. 1, Delhi Cantt-10

Others

- Strong analytical and problem-solving skills with OOP concepts.
- Versatile in languages and eager learner of new technologies.
- HackerRank Java Certificate.
- Ultimate AWS Certified Cloud Practitioner (2022) - Udemy.