# Hello

**I’m Madhu Kumari**

Delhi,India

**+91 9599521689**

[**madhuk0092@gmail.com**](mailto:madhuk0092@gmail.com)

# Experience

NOVEMBE 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 develope multiple services.
* Developed and design api contract for credit cards to onboard jounery.

## 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.