

# Mathan Kumar M

## Software Development Engineer

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### PROFESSIONAL SUMMARY:

- An experienced IT professional with 3.8 years of expertise in Java/J2EE, seeking an opportunity to passionately contribute my skills towards the company's growth and advance my professional career with a positive attitude.
- Strong knowledge of structured analysis, design and programming techniques and development methodologies and have ability to identify, define and develop right standards, process.
- Good working knowledge on Application development and maintenance projects. Ability to learn new technologies with minimal time.
- Team Player- easily interacted with teammates and worked as team. Understand the situation and be able to react accordingly.

### SKILLS & TOOLS

• Programming	:	JAVA 17
• Frameworks	:	Spring (Boot, MVC, Data, Security, Cloud)
• Web Frameworks	:	Spring Boot(3.3.1), Quarkus
• Front End	:	HTML, CSS, JSP
• Test and Junit	:	JUNIT.5, MOCKITO●
Database	:	MSSQL, MYSQL (8.0)
• Data Handling	:	Apache Kafka
• Repository	:	SVN, GIT
• Deployment	:	Manual Deployment, Shell Scripting
• Build	:	MAVEN
• Software's	:	Postman, Putty, GitHub, Excel
• OS	:	LINUX, Windows
• Microservice Architecture	:	Eureka server, feign client, Rest Template

### EXPERIENCE

#### Maveric Systems

Mar 2023 - present

##### SOFTWARE ENGINEER

- Worked on Engineer Excellence Portal, writes different API with unit test.
- Collaborated with the IS team on building various application using Spring Boot and others.

#### Buddi.AI (Claritrics India Pvt.Ltd)

Aug 2021 - Feb 2023

##### SOFTWARE DEVELOPER ENGINEER

- Wrote and developed new and well-tested code for different APIs.
- Developed new, efficient, and well-tested code for variety of different API.

#### Buddi.AI (Claritrics India Pvt.Ltd)

Nov 2020 - Aug 2021

##### DATA ENGINEER

- Worked on Import and Export applications.
- Developed Server-side applications.

### PROJECTS

#### Maveric-IS Dev Team

Sept 2023 - present

##### IS-DEV Team

Collaborated with the IS team on building their Manage Engine tool using Spring Boot (version 3) with MySQL (v 8.0) as the backend. Essentially, this microservices-based application facilitates basic employee details like employee attendance details, leave policy, internal service tickets, travel tickets, onboarding, and resignation of employees. We used Eureka Server to connect these microservices.

## Maveric- Engineer Excellence Portal

June 2023 - Sept 2023

*Develop API and Fix Issues and bugs.*

Engineer Excellence Portal is a web application for the Maveric project management, designed for allocating and maintaining project and employee project details. It facilitates project onboarding and offboarding, and includes the Think NXT employee details and their assessment portal. The application uses Rest Template to connect between the services and MYSQL (8.0) as the backend.

## BUDDI.AI-CODING.AI (Web Application)

Aug 2021 - Feb2023

*Develop API and Fix Issues and bugs.*

CODING.AI is a web application that helps medical coders to code and audit medical records. It also assists in finding the accuracy and deviation of the codes and generates various reports in the reporting module.

This application is built using a microservices architecture with Spring Boot (version 3), MySQL as the backend, and Eureka Server for connecting the microservices

## BUDDI.AI-CODINGAI Interface Application (Java and Server Side)

Feb 2021 - Feb 2023

*Develop and Deploy the Applications*

CODINGAI Interface Application (IMPORT & EXPORT) is server-side application which Import the medical records from client server and loaded those records in CODING.AI web application and export the same audited medical record to client server. For some period, I've been solely responsible for managing this application.

## ROLES AND RESPONSIBILITIES

### Roles

- Implemented new feature requests, enhancing the overall functionality and user experience of the project.
- Successfully managed an entire project independently, overseeing all aspects from initiation to completion.
- Led and mentored a team of interns, imparting essential project knowledge to ensure seamless collaboration.
- Conducted thorough testing of APIs developed for reports and code emission using tools such as Postman, ensuring robust and error-free functionality.
- Worked on client tickets, addressing issues promptly and ensuring client satisfaction with the delivered solutions.
- Proficient in database management with hands-on experience in designing, implementing, and maintaining databases.

## ACHIEVEMENTS

### Buddi.AI Achievements

- Worked on onboarding clients' requirement to load 40k files within 2 minutes, which initially took 30 minutes. I optimized various logic, indexed the queries, and implemented multithreading, successfully reducing the loading time to 1 minute and 50 seconds.
- Worked on the onboarding facility for our highest revenue-producing client, assumed additional responsibilities, and dedicated flexible hours to finalize the facility. Ultimately, our work received client approval, leading to an approximately 8% increase in revenue from that client.

## EDUCATION

### PSNA college of Engineering and Technology

June 2016 - May 2020

B Tech Information Technology