

Mattina Mano Manoharan

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3 years of experience in developing enterprise solutions as a Full Stack Developer using various technologies with expertise in Java and Spring.

EDUCATION

M.S. in Computer Science | California State University, Fresno, CA, USA | 01/2019 - 05/2021 | GPA: 3.78/4.0

B.Tech. in Information Technology | Anna University, Chennai, TN, India | 08/2012 – 04/2016 | GPA: 8.1/10.0

PROFESSIONAL EXPERIENCE

Software Development Engineer.

Cognizant, India. 05/2016 - 11/2018

- Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing, Implementing and Post-production analysis of the projects.
- Worked in a fast-paced environment, followed Agile software methodology for project development using JIRA.
- Made the client website ADA compatible, web analytics showed an increase in the number of hits by 20%.
- Worked with SQL Database Normalization and designing Tables, Views, Functions, Stored procedures, and Jobs.
- Proficient in build management systems like Maven and was responsible for performing tasks like Branching, Tagging and Release Activities on Version Control tools like Git.
- Developed APIs CRUD operations using Spring Framework and implemented session timeout using Spring MVC, the efficiency improved, the data transfer cost was reduced by half.
- Developed asynchronous and Decoupled applications to handle scheduled background processing tasks with WebSphere MQ and RabbitMQ Messaging Queue.
- Developed BOPIS (Buy Online Pay in Store) feature for a well-known client.
- Good knowledge in micro services development using Spring boot.

CORE COMPETENCIES

Languages: Java, J2EE, C, C++, Python, HTML, CSS, JavaScript, jQuery.

Frameworks/ Architecture: Spring, Spring MVC, Spring Boot, Spring Cloud, JDBC, ReactJS, NodeJS, Angular, Micro-services, REST Web Service.

Database/ Servers: SQL, SQL Server, PL/SQL, Oracle SQL, MySQL, Tomcat.

Tools/Technologies: Eclipse, Maven, Git, Splunk, Postman, JIRA, REST API, Jupyter, Toad, Spring Tool Suite, ServiceNow, WebSphere MQ, Rabbit MQ, AWS S3.

PROJECTS

- Implementation of Software Design Patterns and principles in a real-time application.**
Architected a robust and scalable system using the Creational, Structural, and Behavioural software design patterns like Decorator, Prototype, Singleton, Composite, and Command using Spring Boot.
- Large scale Data processing with Hadoop map-reduce.**
Implemented map-reduce algorithms on unstructured data gathered from Twitter, analysed it, found the trends, data similarities, and stored the same on WORM infrastructure in Hadoop.
- Optimal Stock Prediction During COVID-19 using Multivariate LSTM.**
Explored the Historical stock data for all companies found on the S&P 500 index, NYSE, and NASDAQ. Performed a descriptive analysis on the data stored in AWS S3, predicted the stocks, and prescribed investment plans.
- Web Analytics to increase website conversion rate.**
Performed website optimization techniques like A/B testing, Redirect testing on real-time websites, and used google analytics and optimizer to compare the websites and improved the website conversion rates.
- Library Guide Chatbot.**
Designed and implemented an AI-based library guide chatbot using Google Dialog flow that learns over time, interacts with the students, answers their queries, and helps them to locate their books.

CERTIFICATIONS

- Full Stack Java developer - Java + JSP + Restful WS + Spring + Spring Boot + Microservices** – Udemy.
- JavaScript Algorithms and Data Structures** – Free Code Camp.
- Certified Python Programmer** - Computer Society of India.
- Software Foundation Advanced course with C++ programming** -IBM
- Certified Junior Developer** - Basics Spring MVC and Spring Core with Hibernate.