

MADHANKUMAR S
SOFTWARE ENGINEER
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Blog: <https://medium.com/@iammadhankumar>

Portfolio: <https://iammadhankumar.github.io>

TECHNICAL SKILLS

Programming Languages :

Java

Frameworks :

Spring Boot, Servlet, Hibernate

Database technologies :

MySQL, MongoDB, PostgreSQL,
MicrosoftSQL

Web Services :

RestFul APIs

Build and Dependency Management :

Maven

Version Control :

Git

Testing :

Junit

Middleware :

Apache Tomcat

SOFT SKILLS

Problem Solving :

Proficient at efficiently analyzing and resolving intricate challenges.

Team Collaboration :

Demonstrated ability to work effectively in diverse, cross-functional teams.

Communication :

Good communication skills, both written and verbal.

Adaptability :

Flexibility to adapt to new technologies and methodologies.

COMPUTER PROFICIENCY

MS Office

PERSONAL INFORMATION

Birthday

July 16, 1997

Gender

Male

Marital Status

Single

Nationality

Indian



OBJECTIVE

A challenging and stimulating pursuit in a reputed organization, where I can best utilize my skills and strengths to accomplish the organization's goals and objectives and at the same time get an opportunity to expand my knowledge base.



WORK EXPERIENCE - CAREER HIGHLIGHTS

Having 5+ years of experience as a Full - Stack Java Spring boot Developer with diversified exposure in, development and implementation of web and mobile applications.

Experienced software developer proficient in Java technologies, specializing in web and mobile application development.

Adept at Java SE, demonstrating mastery in Collection, Threading, and Core Java. Extensive expertise in Java technologies, including JDBC, JPA, and ORM.

Proficient in developing microservices and monolithic projects using Java Spring Boot, Hibernate, and implementing Restful services. Demonstrated ability to deliver high-quality code, ensuring robust and scalable solutions for complex projects.

Demonstrated proficiency in developing applications with RESTful Web Services, ensuring robust and scalable solutions.

Expert in Unit Testing using Junit.

Skilled in database technologies, particularly MySQL, Postgresql and Mongo DB.

Demonstrated expertise in Angular, incorporating non-linear work experience, proficiently utilizing commonly used modules, and adeptly creating reusable Components and Services.

Experienced in project documentation, including E-R Diagram and Swagger implementation.



EDUCATION

B.E, Computer Science and Engineering(2014-2018)

Erode Sengunthar Engineering College

6.7 CGPA

Erode, Tamilnadu.

HSC(2012-2014)

Nanjappa Boys Higher Secondary school

77%

Tiruppur,Tamilnadu.

SSLC(2011-2012)

Municipal High School, Karuvampalayam

87%

Tiruppur,Tamilnadu.



PROJECT PROFILE

Project 1: Pharmabox

Role played : Developer(backend)

Environment : Spring boot, Angular JS, Hibernate, STS

Database: MySql

Responsibilities :

- Spearheaded the development of the Pharmabox e-commerce app, featuring secure Braintree payment integration, a unique barcode system for kiosk pickups, and a rewards system.
- Ensured a user-friendly interface for online medicine purchases via kiosks.
- Implemented a robust notification system for payment and order status updates.

Project 2: Nutrimeals

Role played : Developer(backend)

Environment : Spring boot, Angular JS, Hibernate, STS

Database: MySql

Responsibilities:

- Developed the Nutrimeals e-commerce app with an easy-to-use interface, secure Braintree payments, and a barcode system for kiosk pickups.
- Added a rewards program and a notification system for payment and order updates.

Project 3: Carlosbakery

Role played : Developer(backend)

Environment : Spring boot monolithic, Angular JS, Hibernate, STS, React

Database: MySql

Responsibilities:

- Developed different features comparing above two projects , including a rewards program, enhancing user engagement by offering gifts for every 15 successful purchases from kiosks.
- Implemented secure payment gateway using stripe, allowing customers to make purchases effortlessly using accepted methods such as credit and debit cards

Project 4: Kaiser

Role played : Developer(backend)

Environment : Spring boot, Hibernate, STS, JPA, Eureka, Zuul Gateway, React Native

Database: MySQL

Responsibilities:

- Consolidates diverse health conditions in a single app, streamlining data updates by parsing information from Excel to the database.
- Provides mental health info, daily disease ranges, and a weekly routine graph in a user-friendly interface.
- Promotes holistic well-being with related articles on diseases, fostering a culture of fitness and health awareness.

Project 5: Todra

Role played : Developer(backend)

Environment : Spring boot Microservices, Angular, Hibernate, STS

Database: MySQL

Responsibilities:

- Efficiently store and retrieve user and healthcare professional data while ensuring data security and privacy.
- Develop a robust authentication system and implement role-based access control for user permissions.
- Create a notification system using google firebase to alert users about new posts, comments, and messages while ensuring cross-device compatibility.

Project 6: ESG OneMap

Role played : Developer(backend)

Environment : Spring boot, JDBC, React

Database: Mongo DB, Microsoft SQL, Postgresql

Responsibilities:

- A robust web application tailored for efficient management and visualization of mining sites and widgets.
- Contributed to existing API-level changes for the graphical view features and backend development of graphical views.
- Managed the dedicated admin user interface, ensuring efficient handling and administration of both mining sites and widgets.
- Participated in the migration of servlet code to Spring Boot, ensuring a seamless transition and leveraging the benefits of the Spring framework for improved performance and maintainability.