# **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.**W**

**ARE ENGINEER**

**MADHANKUMAR S**

**SOFTWARE ENGINEER**

**Tiruppur, Tamilnadu, India.**

**Madhansmk1697@gmail.com**

**8344549248 & 8668130127**

**Blog:<https://medium.com/@iammadhankumar>**

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

**TECHNICAL SKILLS**

**Programming Languages :**

Java

**Frameworks :**

Spring Boot, Servlet, Hibernate

**Database technologies :**

MySQL, MongoDB, PostgresSQL,

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 PROFICENCY**

MS Office

**PERSONAL INFORMATION**

**Birthday**

**July 16, 1997**

**Gender**

**Male**

**Marital Status**

**Single**

**Nationality**

**Indian**

# **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.**[ma](mailto:madhansmk1697@gmail.com)**

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# EDUCATION

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

Erode Sengunthar Engineering College

6.7 CGPA

Erode, Tamilnadu.

**HSC(2012-2014)** *June 2013 - May 2014*

Nanjappa Boys Higher Secondary school

77%

Tiruppur,Tamilnadu.

**SSLC(2011-2012)** *June 2011- May 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

### Responsiblities :

* 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.