

# Suriya Ramesh

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**Software Engineer** in Java, Springboot, Angular

Overall, 1.9 years of experience: 1+ year in Backend engineer and 1+ year in Frontend development

## EXPERIENCE

### Mphasis Software Limited, Bangalore — Software Engineer

JUNE 2022 – Present

- Developed and maintained backend systems for web applications using JAVA, and SpringBoot Framework, resulting in enhanced performance and scalability. ([Springboot](#), [REST API](#))
- Optimized database queries and implemented caching strategies.
- Experienced in Agile software development, Test Driven Development, and SCRUM methodologies. ([SDLC](#), [Scrum](#))
- Proficient in version control and collaborative code management. ([Git](#), [Gitbash](#), [Gitbucket](#))
- Performed data storage Collaborated with QA Team to perform unit testing and resolve identified issues, ensuring the stability and reliability of the application. ([Unit Testing](#))
- Implemented security best practices to enhance overall system's resilience.
- Collaborated closely with front-end developers to design and implement RESTful APIs that facilitated seamless communication between the frontend and backend components.
- Good understanding in SOAP web services and related standards like REST/JSON and XML
- Experienced in Object-oriented programming and concepts

## EDUCATION

**College of Engineering Guindy (CEG), Anna University, Chennai, Tamilnadu — B.E Electronics and Communication Engineering**

CGPA: 8.10/10 (81%)

Aug 2018 - JUNE 2022

**Kongunadu Matric Higher Secondary School (TN State Board), Namakkal, Tamil Nadu — XII, Maths Biology**

Percentage: 94%

JUNE 2017 - MAY 2018

**Sri Vinayaga Matric Higher Secondary School (TN State Board), Namakkal, Tamil Nadu — X, Science**

Percentage: 98.8%

JUNE 2015 - MAY 2016

## PROJECTS

### Role: Software Engineer

**Environment:** HTML, CSS, Bootstrap, TypeScript, Angular, Java, Springboot, Spring-MVC, Spring security, PostMan, Git, Junit Test, Maven, Groovy, Websphere MQ

**Project Name:** l Management System

**Tools Used :** JVM, Eclipse, Vscode, MySql Work Bench

## PROJECT DESCRIPTION

The Hospital Management System is a web application and an Online Solution for hospitals to manage the doctors, employees and patients. HMS is using JAVA as core programming language and SpringBoot to handle the controllers request and response . Spring JPA with Hibernate to manage the database transactions and Mysql to store the database.

## RESPONSIBILITIES

- Built a front-end module using angular to create user interface
- Used Mysql to store the values in database
- Developed and executed unit tests using Junit Testing to ensure the reliability and stability of the code.
- Developed RESTful web API to perform CRUD operations on domain objects as per requirement using Springboot

## Role:Backend Engineer

**Environment:** Java ,SpringBoot, Micro-Services REST API, Postman, PostgreSQL, GIT, unittest

**Project Name:** Mphasis Internal Project

## PROJECT DESCRIPTION

It is part of an Internal Project in Mphasis where it is designed for candidate hiring and comprehensive candidate information management. Leveraging Springboot on the backend and Angular on the front end. Key features include an intuitive candidate dashboard for efficient tracking, customizable interview scheduling. The system ensures secure storage and retrieval of candidate details, optimizing the recruitment lifecycle.

## RESPONSIBILITIES

- Wrote efficient modular and reusable code to implement the designed system while ensuring code quality and adhering to the coding principles.
- Developed and executed unit tests to ensure the reliability and stability of the code.
- Used version control systems to manage and track changes in the codebase and ensuring proper branching and merging strategies.
- Implemented data models, controllers and services to handle candidate information and interactions. Designed and managed the database schema for storing candidate details securely

## LANGUAGES:

- *English – Full proficiency(Reading, Writing, Speaking)*
- *Tamil - Full proficiency(Reading, Writing, Speaking)*