



# Kandula Lakshmana Rao

Analyst / Software Engineer

**Base Location:** Mumbai

**Email ID:** kandula-lakshmana.a.rao@capgemini.com

**Mobile No:** +91 8639936578

**Grade:** A4



## Strengths

- **Full Stack Developer**
- Hands on experience in creating microservices using **ReactJS, Spring Boot, Open Feign, Spring Cloud API Gateway & Eureka Server**.
- Good Understanding of UI Technology & ReactJS for Frontend development.
- Proficient in creating **Frontend Web application** in **ReactJS** with **Authentication, Template-driven forms, Component Interaction & routing**.
- Hands on experience in implementing **polyglot architecture** with **ReactJS & Spring Boot**.
- Hands on experience in unit testing using **Mockito**.
- Implemented **ReactJS & Spring Boot** in case study and upskilling his knowledge continuously.



## Achivement

### Online Railway Booking System Application

Completed end to end of this case study with ReactJS JWT Authentication, Bootstrap & ReactJS are used for user interface. MongoDB and MySQL are used for Database.

### Mini Projects done using Arduino & MATLAB

Developed a robot using Arduino and MATLAB which follows a path to travel named "Line Following Robot".

Developed a robot named "Obstacle Avoidance Robot" using Arduino UNO which detects an obstacle in its path, avoids it and travels.

Developed a Home Automation System using BLYNK APP, NodeMCU, LCD, LDR, HC-04, DHT11, DC Motor and LED.

## Education and certificates

Bachelor of Technology in  
Mechatronics : 2019 - 2023

## Skills

ReactJS	Components, Directives, Services, Modules, Routing, Forms & Validation
Spring Boot Microservices	Spring Boot starters, Annotations, Netflix Eureka, Spring Cloud Gateway, Netflix Ribbon & Hystrix
Java	Programming Constructs, OOPS, Exception Handling, Generics, Collections, Annotations, Lambda Expressions & Stream APIs.
Spring Core	IOC Container, Dependency Injection & Annotations
Spring REST	REST Controllers & HTTP methods implementations
Spring Data MongoDB	Implemented MongoRepository Interface using Spring Data MongoDB
Database	SQL Database – Oracle NoSQL Database - MongoDB
UI Tech	HTML5, CSS3, JavaScript, ES6 & TypeScript
Tools	Git, Postman, Maven & Eclipse IDE
Add On skills	C and C++, Teamwork, Team motivation, Team Spirit, Communication & Peer Learning