

**SANTHA KUMAR N**

**Full Stack Java Developer**

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Hyderabad, Telangana, 500033



## SUMMARY

**Experienced Full Stack Java Developer with a background in Spring Boot and React. Backed by 6 months of internship experience in developing a comprehensive Payroll Management System, showcasing expertise in role-based authentication, API design, testing, caching, and integration.**

## EDUCATION

**Sir CR Reddy(A) Degree college, Eluru**

BSc (Computers) [Aggregate:7.6%] 2019-2022

**Vidya Vikas junior college, Eluru**

MPC [Aggregate:9.1%] 2017-2019

**Z.P.O. High School,Challachintalapudi**

SSC [Aggregate:8.8%] 2016-2017

## LANGUAGES / SOFTWARES

- Programming language : **JAVA**
- Front-end Technologies: **JavaScript, HTML, CSS, ReactJs.**
- Frameworks : **Hibernate, Spring, Spring Boot**
- Database : **MySQL (SQL)**
- Testing Frameworks : **JUnit, Mockito**
- API Documentation : **Swagger**
- Logging : **Log4j**
- Containerization : **Docker**
- IDE/Tools : **Eclipse, Postman, STS, Maven.**
- Version Control System: **Git and GitHub**
- operating System : **Windows, Linux**
- Web Server : **Apache Tomcat**

## CERTIFICATIONS

- Completed a comprehensive **six-month Full Stack Java course with Spring Boot and React** focus, earning certification in dynamic web application development.
- Successfully developed and deployed a comprehensive **Java full stack real-time project** at Ashokit, showcasing proficiency in **end-to-end software development** and practical application of modern technologies.

## SOFT SKILLS

- Communication
- Problem Solving
- Teamwork
- MS-Excel

## EXPERIENCE

### **Full Stack Java Developer Trainee**

Engaged in designing responsive front-end interfaces and contributing to the development of robust back-end services as a **Full Stack Java Developer Trainee at APT IT Solutions**. Proficient in **Java, Spring Framework, HTML/CSS, JavaScript ReactJs** and **relational databases**

## PROJECTS

### **Payroll Management System:**

- Comprehensive web application developed using **Spring Boot for backend and React for frontend**.
- Created a centralized platform for managing various employee lifecycle aspects, from candidate recruitment to employee information control.
- Implemented key features:
  - **Role-based authentication** to ensure secure access.
  - **Log4j** for efficient event logging.
  - **Redis caching** for optimized data retrieval.
  - **Docker containerization** for streamlined deployment.
  - **Swagger API** documentation for clear reference.
  - **Postman** for thorough API testing.
- Project aimed to streamline HR processes, enhance data accuracy, and improve efficiency in employee-related information management.

### Roles and Responsibilities

#### **Java Developer:**

- Responsible for developing the backend of the Payroll Management System using **Java and Spring Boot**.
- Designing and developing APIs for handling employee data and other functionalities.
- Writing unit tests using **JUnit and Mockito** for ensuring code quality and functionality.
- Integrating **Log4j** for centralized **logging and monitoring application behavior**.
- Performing **API testing with Postman** to validate **API endpoints**, data integrity, and **HTTP request handling**.
- **Collaborating** with the frontend team to ensure **smooth integration between the frontend and backend**.
- Assisting in the design and optimization of the **database schema** for storing employee and candidate information.