

# Sangeetha T R

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## Career Objective

To build a successful career as a Java Full Stack Developer by leveraging my proficiency in Java, HTML, CSS, and MySQL to contribute to impactful, real-world projects. I aim to grow within a dynamic and collaborative environment, continuously enhancing my technical expertise across the full development stack and staying aligned with emerging industry trends and technologies.

## Technical Skills

- **Languages:** Java, C, C++, JavaScript, HTML, CSS, React.js
- **Databases:** MySQL, Oracle SQL
- **Frameworks APIs:** Hibernate, JSP, Servlet, JDBC, Spring, SpringMVC
- **Tools:** Eclipse IDE, VS-code, GitHub, IntelliJ IDE
- **Soft Skills:** Team Work and Collaboration, Adaptability, Integrity

## Projects

### 1. Life Line: AI-Powered Emergency Response & Traffic Management System

- Developed AI-driven system reducing emergency response time by 30-40% through dynamic traffic signal optimization
- Implemented machine learning algorithms for traffic pattern analysis and automated route optimization for emergency vehicles and integrated Google Maps API with GPS tracking to enable real-time signal pre-emption and priority passage control

### 2. Student Management System

- Built comprehensive web application for managing student records, courses, and academic performance with role-based access and developed RESTful APIs for CRUD operations with proper validation and integrated MySQL using Hibernate ORM
- Implemented responsive UI with automated report generation, bulk data operations, and email notification features

### 3. Player Database Management System for IPL Teams

- Engineered database application managing player statistics and team compositions with advanced search capabilities and utilized Hibernate ORM for seamless object-relational mapping, reducing database query complexity by 50%
- Designed normalized schema supporting player transfers, match statistics, and performance analysis for team optimization

### 4. E-Commerce Shopping Cart Management System

- Built full-featured e-commerce platform with real-time shopping cart functionality and secure checkout process
- Implemented session-based state management for persistent user experience and inventory management with stock alerts
- Applied MVC architecture with optimized database queries resulting in 40% faster page load times.

## Internship

1. Java Full Stack Developer Intern Feb 2025 – May 2025  
*JSpiders Software Solutions*
  - Gained comprehensive training in Java full stack development including core java, HTML, CSS and database.
  - Applied hands-on development skills through practical projects involving backend APIs, frontend integration, and database management
2. Java Full Stack Developer Intern June 2025 - Current  
*Dhee Coding Lab*
  - Currently undergoing training in Java Full Stack development, covering both front-end and back-end technologies.
  - Gained hands-on experience with Java, HTML, CSS, Oracle SQL, JavaScript and building responsive web applications. And gained experience in Spring core, GitHub, Spring MVC, React.js, Spring Boot

## Education

<b>Dr. Ambedkar Institute of Technology</b>	Bengaluru
<b>Bachelor of Engineering</b>   Electronics and Telecommunication Engineering   <b>CGPA: 8.97</b>	2021-2025
<b>Sarvodaya PU college</b>	Tumkur
<b>PUC – PCMB</b>   <b>Percentage: 97.5%</b>	2019-2025