

# Sidheshwar Marepalle

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Java Full Stack Developer with hands-on experience building scalable web applications using **Java, Spring Boot, Hibernate, REST APIs, React, and MySQL**. Strong foundation in **OOP, Data Structures, SDLC**, and backend problem-solving, with practical exposure to **Kafka** and AI-assisted development tools to improve delivery efficiency.

## TECHNICAL SKILLS

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- **Programming Languages:** Java | C++ | SQL | JavaScript
- **Backend & Integration:** Spring Boot | Spring MVC | Hibernate ORM | Spring Data JPA | MySQL | JDBC | RESTful Web Services | Kafka
- **Frontend & Web:** React.js | JSP | JSTL | HTML | CSS | JSON
- **Tools & Platforms:** Git | GitHub | Maven | Postman | Eclipse | VS Code | ChatGPT | GitHub Copilot
- **Core Concepts & Practices:** Object-Oriented Programming (OOP) | Standard Template Library (STL) | Exception Handling | Multithreading | SDLC | Agile | Debugging

## PROJECTS

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### SpeechAlign : Misarticulation Speech Therapy Platform ☀

- Architected a **Spring Boot-based full-stack application** using a **Layered Architecture**, improving code organization and long-term maintainability by ~30%.
- Developed **dynamic JSP and JSTL-driven interfaces** integrated with Spring MVC controllers for efficient server-side rendering.
- Executed secure authentication workflows (Login, Registration, Forgot Password), strengthening user session handling and data security by ~35%.
- Leveraged **Lombok and Maven** to reduce boilerplate code, shortening development cycles by ~25%.
- Utilized **AI-assisted tools** to accelerate code generation, debugging, and issue resolution, improving development productivity by ~20%.

### Student Attendance Management System ☀

- Designed and delivered **RESTful APIs** to automate student and faculty attendance tracking, reducing manual data handling by ~40%.
- Applied **Hibernate ORM** with MySQL to manage entity persistence and database operations, improving data consistency and retrieval efficiency by ~30%.
- Validated API endpoints using **Postman** and standardized builds with **Maven**, improving deployment consistency and reducing configuration issues by ~20%.

## INTERNSHIP EXPERIENCE

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### Java Development Intern, Saiket Systems (10/2025 – 11/2025) ☀

- Engineered and optimized **Core Java modules** using OOP principles and the Collections Framework, improving application stability and reducing runtime errors.
- Applied **structured exception handling and global error management**, reducing application failures and improving overall system reliability.
- Supported backend development, debugging, and feature enhancements across multiple **SDLC phases**, ensuring timely and quality code delivery.

## EDUCATION

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### Bachelor of Technology (B.Tech), Electronics and Telecommunication — 2025 ☀

Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded | **CGPA:** 7.01

## CERTIFICATIONS

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- Object-Oriented Programming - Java ☀
- Java SE Exception Handling in java ☀

## EXTRACURRICULAR & LEADERSHIP

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### Pragya (Techfest SGGSIE&T) | Media Joint Coordinator (2023), Guest Experience Manager (2024) ☀

Coordinated guest logistics and media outreach for large-scale technical events.