# SANIKOMMU POOJITHA GAYATRI

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## SUMMARY

Results-oriented Java Full Stack Developer with a strong background in designing and implementing scalable and robust backend applications. Expert in Java, Spring Boot, REST APIs, and frontend technologies like React. Proven track record of applying data structures, OOP and MySQL knowledge to deliver efficient solutions. Eager to contribute to challenging projects that drive innovation and team success.

## EDUCATION

Bachelors in Electronics & Communication Engineering
*Lakireddy Bali Reddy College of Engineering*

2020-2024

Narayana Junior College, Bhavanipuram, Andhra Pradesh
Intermediate (MPC)

2018-2020

Sri Sir Arthur Cotton High School
SSC

2017-2018

## SKILLS

**Languages**
JavaScript, JAVA, OOPs, Data Structures
**Backend**
Spring Boot, RESTful APIs
**Version Control**
Git,Github

**Front -End**
HTML, CSS, Bootstrap, ReactJs
**Database**
SQL, MySQL
**Software**
VS Code, Postman, Spring Boot,
Eclipse IDE

## PROJECTS

**Student Management System**                                                                                         **March 2025**
Engineered a comprehensive student management system using MySQL, Spring Boot, and Java, implementing RESTful APIs for efficient CRUD operations. Optimized database management through the use of MVC architecture and Spring Data JPA.
**Technologies**: Java, Spring Boot, REST API, MySQL, HTML/CSS, JavaScript

**Leaf Shield: Advanced Leaf Disease Detection and Robotic Pest Management System**          **April 2024**
Implemented a CNN-based system integrated with IoT and Raspberry Pi to automate pest and disease detection in specific crops, resulting in a significant reduction in crop losses and improved productivity.
**Technologies:** Image Processing, Internet of Things(IoT)

**IOT Based Smart Bridge**                                                                                       **Sept 2023**

Developed a smart monitoring system for bridges utilizing IoT technology to enhance flood safety by detecting water level variations and providing real-time alerts, contributing to improved bridge safety and operational efficiency.
**Technologies:** Ardiuno IDE

## CERTIFICATES

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- Java Full Stack at AimNxt Technologies                                                        2024-2025
- Java Full Stack at Wipro TalentNext Program                                          Feb-Apr 2023
- Java Programming at BIST Technologies Pvt Ltd                                        2023-2024