# Jarendra Malapula

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#### PROFESSIONAL SUMMARY

Skilled Full Stack Developer with a B.Tech in Computer Science and expertise in end-to-end web application development. Core competencies include Advanced Java, React.js, and AWS Cloud. Proven ability to translate technical requirements into high-quality, scalable code.

#### **EDUCATION**

#### Srinivasa Ramanujan Institute Of Technology

(2021-2025)

B. Tech - Computer Science and Engineering - CGPA - 8.91

## AP Model Jr. College

(2019-2021)

Intermediate in M.P.C - Percentage - 82%

### AP Model School

(2018-2019)

SSC - CGPA - 9.3

#### **INTERNSHIP**

#### Java Full Stack Virtual - WIPRO

May-2024 - Sept-2024

- Completed a rigorous 5-month virtual program designed to master the modern Java technology stack for enterprise-level application development.
- Applied theoretical knowledge through a series of handson labs and coding assignments, successfully building and debugging complex Java applications in a structured, mentor-guided environment.

#### **PROJECTS**

# QuizGPT ☑ | Spring Boot

- Engineered a full-stack, AI-powered quiz platform using Spring Boot, React, and MongoDB, integrating a Gemma 2B LLM via a REST API to enable users to instantly generate personalized quizzes from a single prompt.
- Implemented robust, token-based security using Spring Security and JSON Web Tokens (JWT) to manage user authentication, protect sensitive endpoints, and ensure secure access to user profiles and quiz results.
- Architected an automated feedback system where a secondary AI agent analyzes quiz performance, delivering personalized insights and scores directly to the user's email to enhance their learning experience.

# QR Based Food Ordering System 🗷 | Django

- Developed a multi-tenant food ordering platform with Django and MySQL, designing a seamless workflow from restaurant menu setup to customer order placement via a unique, token-based QR code system.
- Deployed the application to a scalable and secure AWS environment, utilizing EC2 for compute, RDS for the relational database, and S3 for asset management.

#### TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, C

Frontend: React.js, HTML5, CSS3

Backend: Spring, Spring Boot, Hibernate, Servlets, JSP

Databases: MySQL

Cloud Technologies: AWS (EC2, RDS, S3, IAM)

Developer Tools & Version Control: Git, GitHub, VS Code

#### CERTIFICATIONS

- Python Essentials Certification (PCAP) Cisco Networking Academy
- Cloud Developing AWS Academy

#### ACHIEVEMENTS

- Achieved a Top 3 finish and a 10.000 cash prize at the AP Regional Hackathon 2024.
- Secured 2nd place and a cash prize in the "Hack With SRIT" competitive coding event.