JELLA KESAVA KRISHNA PAVAN

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SUMMARY

Motivated Information Technology graduate with a strong foundation in Software Engineering and Java programming. Experienced in designing, developing, and deploying user-focused applications with well-structured backend logic. Proven problem-solving abilities demonstrated through competitive programming and hands-on project development, with a keen interest in building scalable and efficient software solutions.

EDUCATION

Aditya Engineering College   August 2023 – May 2027
- B. Tech in Information Technology, *GPA: 9.02*

Narayana Junior College   June 2021 – May 2023
- MPC Stream, *Percentage: 94.3%*

Narayana EM High School   June 2020 – May 2021
- MPC Stream, *Percentage: 100%*

EXPERIENCE

Android App Development Intern, Plasmid Innovation PVT Ltd – Virtual
- Designed and developed a **COVID-19 Vaccination Management Android application** to manage user registration, slot booking, and dose-tracking workflows.
- Implemented **secure login and role-based access (user/admin)** with structured data handling for vaccination records.
- Integrated **local database (SQLite)** to ensure efficient data storage, fast retrieval, and **offline functionality**.
- Simulated and tested the application with **500+ users**, ensuring reliability, performance, and smooth user experience.

PROJECTS

Covid Dose – Covid Vaccination App | *XML, Java*   live demo
- Developed an Android-based COVID-19 Vaccination Management App with user and admin modules supporting registration, login, slot booking, and dose tracking.
- Implemented SQLite database integration for secure data storage, fast retrieval, and full offline functionality.
- Built and tested features like appointment scheduling, vaccination status monitoring, and center management, validating performance with 500+ simulated users.

CERTIFICATIONS

- Industrial IOT 4.0, Java   - NPTEL
- DBMS, OS, Python, Full Stack Development, Computer Networks   - Infosys Springboard
- Java, Linux   - Spoken Tutorial
- Problem Solving, Data Analytics   -GeeksforGeeks
- Android App Development (Workshop)   -APSSDC

TECHNICAL SKILLS

Languages: C, Java, Python, HTML, CSS, JS
Proficiency: Object-Oriented Programming (OOP), DSA
Developer Tools: VS Code, Android Studio, MS Word, Excel
Technologies: Web Development, Android App Development
Databases: MySQL, SQL Lite

CODING PLATFORMS

- Solved **250+** problems in **Leetcode**
- Solved **450+** problems in **GeeksforGeeks**
- Solved **1000+** problems in **CodeChef** (3 Star Rating)
- **5 Star Badge** of C, Python, Java, SQL, Data Structures and Algorithms at **HackerRank**
- **Codeforces**: Max Rated: **620**