G Rupa

LinkedIn | GitHub

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SUMMARY

Computer Science graduate skilled in **Java, Android Development, React Native, and AI/ML integration**. Experienced in developing **secure mobile and web applications**, including **REST APIs leveraging JWT and AES encryption**. Strong foundation in **OOP, clean code, and agile development**, with a focus on **continuous learning and delivering high-quality software**.

TECHNICAL SKILLS

Languages	:	Java
Backend	:	Spring Boot, Spring MVC, RESTful APIs
Database	:	MySQL, SQL
Security	:	JWT, AES Encryption, Secure API Design, End-to-End Encryption
Tools	:	Git, GitHub, IntelliJ IDEA, VS Code, Postman, Android Studio

EXPERIENCE

Software Developer Intern   July 2025 – Present
Infosys Limited   *Chennai, India*

- Designed and implemented robust **mobile and full-stack applications**, focusing on **secure REST API development** and intuitive mobile interface design.
- Integrated **Android and React Native apps** with backend services, ensuring seamless data flow and secure communication.
- Applied learnings from **Infosys corporate training programs** to enhance proficiency in **full-stack development, API security**, and agile methodologies.

EDUCATION

Sri Venkateswara Engineering College   Tirupati, Andhra Pradesh
Bachelor of Science in Computer Science (Cybersecurity) - CGPA: 8.8   *Nov 2021 – May 2025*

APSWRS Junior College   Madanapalle, Andhra Pradesh
MPC - CGPA: 9.3   *June 2019 – June 2021*

APSWRS School   Madanapalle, Andhra Pradesh
CGPA: 9.7   *June 2018 – June 2019*

PROJECTS

AI & ML-Powered Women's Healthcare App   *Java, Spring Boot, Android SDK, React Native*

- Built a **mobile healthcare app** using **Android Studio and React Native**.
- Integrated **20+ RESTful APIs** for user profiles, consultations, and community features with **JWT authentication and AES-256 encryption**.
- Achieved **92% accuracy** in **period and fertility prediction** using LSTM models via Flask-based services.
- Implemented **secure chat** using AES encryption for message payloads and **Firebase authentication and real-time storage** for enhanced privacy and data security.

CERTIFICATIONS

- Java Full Stack Developer – Wipro
- Google Cybersecurity Professional Certificate
- Frontend Web Developer – Wipro
- Cybersecurity & Privacy – NPTEL