

# Seelam Sai Manikanta Reddy

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## TECHNICAL SKILLS

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**Programming Languages:** C, C++, Java, Python.

**Coding Profile:** Solved 150+ DSA Problems [GFG](#), [LeetCode](#)

**Web and Mobile Development:** HTML, CSS, JavaScript, Flutter, Kotlin, MySQL, SpringBoot (Beginner level), UI/UX Design (Figma).

**Tools and Platforms:** Postman, OpenVPN Servers, XAMPP, MySQL, Git, Android Studio, Figma, Google Cloud Platform, VS Code, IntelliJ, Eclipse.

**Course Works:** Operating Systems, Database Management Systems, Applied Machine Learning, Computer networks, Computer, Software Engineering, Android Development, Robotics.

**Soft Skills:** Time Management, Adaptability, Problem Solving, Continuous Learner.

## EDUCATION

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**Centurion University, Vizianagaram, Andhra Pradesh**

CGPA : 8.4

*Computer Networks in Computer Science & Engineering*

2022 – 2026

**Narayana jr College, Vijayawada, Andhra Pradesh**

Marks : 839/1000

*MPC*

2020–2022

**SVR High School, Darsi, Andhra Pradesh**

Grade : 10.0

*Secondary School(X)*

2019 – 2020

## PROJECTS

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**Faculty Management System – Android Application** | Kotlin, Java, Node.js, SQL, Postman

- Developed an Android-based leave management system using Kotlin and Java, enabling secure, role-based login for faculty, Dean, and VC users.
- Built RESTful APIs with Node.js and SQL to handle authentication, leave application workflows, and real-time status updates; validated endpoints using Postman.
- Designed user-friendly interfaces for submitting and approving leave requests, with dynamic logic for sudden or scheduled leaves based on working hours.
- Integrated frontend and backend components to ensure seamless data flow and accurate permission handling across all roles.

**Alumni Management System – Full-Stack Web Application** | PHP, HTML, CSS, JavaScript, XAMPP

- Developed a secure, responsive full-stack web application using PHP, HTML/CSS, and JavaScript to enable student access to alumni placement data, event updates, and college galleries.
- Designed and implemented an Admin Dashboard for managing alumni profiles, event listings, and job postings, improving update efficiency and ensuring data integrity.
- Integrated a JavaScript-based chatbot to deliver real-time support and increase user engagement across the platform.
- Built an “Available Jobs” module to connect students with job opportunities and deployed the platform locally using XAMPP, ensuring performance and scalability during testing.

**Secure VPN Application – Android App** | Flutter, OpenVPN, Google AdMob

- Developed a cross-platform VPN application using Flutter, enabling secure and encrypted connections across multiple countries with a unified user experience on Android and iOS.
- Integrated OpenVPN protocol for high-performance tunneling with low latency and robust data encryption, ensuring user privacy and network security.
- Implemented Google AdMob for monetization by displaying interstitial ads during connection and disconnection events, generating passive ad revenue.
- Tested and optimized application performance to ensure reliable connectivity, fast server response times, and smooth user interface transitions across devices.