MANAV RENJITH

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EDUCATION

Bachelor of Technology in Computer Science Engineering September 2023 - Present
Vimal Jyothi Engineering College,Kannur
APJ Kerala Technical University, CGPA:6.88

Higher Secondary Education (Class XII) 2021 – 2023
Chovva Higher Secondary School, Kannur
Kerala Higher Secondary Education (DHSE), Percentage: 90

Secondary School Education (Class X) 2020 – 2021
Sanjivani International School, Navi Mumbai
Council for the Indian School Certificate Examinations (CISCE), Percentage: 91.4

TECHNICAL SKILLS

Languages	Java, Kotlin, Python, JavaScript, TypeScript, SQL
Frameworks	Android SDK, Flask, PyTorch, OpenCV
Tools	Git, GitHub, Docker, Linux, Firebase
Domains	Android Development, Cybersecurity, Digital Forensics, Artificial Intelligence, Computer Vision, Web Development

INTERNSHIP EXPERIENCE

Cyber Forensics Trainee, Mibiz CyberForensics June 2025

- Analyzed forensic case studies involving digital evidence collection and investigation methodologies.
- Completed training in digital forensics and cybersecurity fundamentals.
- Learned the usage of industry-standard forensic and security analysis tools.
- Studied concepts including malware analysis, log analysis, network forensics, and incident investigation workflows.
- Gained practical exposure through guided exercises and simulated investigation scenarios.

PROJECTS

AEGIS: Android Firewall (Currently Developing) 2025 - Present
Android, Cybersecurity

· Building a local Android firewall using the Android VpnService API.
· Enables per-app network access control without root privileges.
· Uses local VPN tunnel architecture without requiring external VPN infrastructure.
· Implements traffic monitoring and outbound network filtering.
· Focused on privacy, security and lightweight packet inspection.

NoteQuest 2025
JavaScript, AI

· Built a gamified learning platform that transforms notes into structured learning roadmaps.
· Implemented AI-powered syllabus extraction and revision scheduling.
· Added XP, streaks, progress tracking and smart reminders.
· Designed features to improve long-term learning consistency.

redlex-mod 2025
TypeScript, Reddit APIs

· Developed an all-in-one Reddit moderation toolkit.
· Implemented strike ledger management, transparency logs and milestone tracking.
· Automated moderator workflows through Reddit-native interfaces.
· Generated weekly moderation reports and digest summaries.

AAC-Web-Project 2025
Flask, Python

· Developed an Augmentative and Alternative Communication (AAC) web application.
· Implemented visual communication boards and sentence-building tools.
· Integrated text-to-speech functionality.
· Designed accessibility-focused features for communication assistance.

Video Frame Interpolation 2025
Python, PyTorch, OpenCV

· Built a video frame interpolation application using deep learning.
· Developed dataset preparation, training and evaluation pipelines.
· Generated smooth intermediate frames for enhanced video quality.
· Implemented end-to-end inference workflows.

YellowFlag 2025
TypeScript, IBM Granite AI

· Developed a real-time AI-powered racing safety platform.
· Predicted circuit risks using weather data and historical incidents.
· Leveraged IBM Granite AI models for intelligent risk assessment.
· Generated safety recommendations for race organizers.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.