ANJALI KUMARI

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PROFILE SUMMARY

Software Engineering student specializing in Cyber Security with demonstrated experience building secure full stack applications, RESTful APIs, and investigative tooling. Completed developer internship with Criminal Investigation Department (CID), Karnataka, contributing to cybercrime detection and digital forensics solutions. Proven ability to design scalable backend systems, implement OWASP-aligned security controls, and deliver production-ready MVPs for real-world investigative workflows.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C++
Web & Backend: HTML, CSS, React.js, Next.js, Node.js, REST APIs, JWT
Databases: SQL, MongoDB, Firebase
Security: OWASP Top 10, Secure Coding, Vulnerability Assessment, Penetration Testing
Tools & Platforms: Git, Docker, AWS, Linux, Kali Linux, Cloud Computing, Nmap, Burp Suite, Wireshark
Other: Flutter, IoT, Arduino, OpenCV, CI/CD

INTERNSHIP EXPERIENCE

Developer Intern | Criminal Investigation Department (CID), Karnataka   Aug 2025 – Sep 2025

- Built production MVPs and internal software prototypes for cybercrime investigation and digital forensics workflows
- Developed deepfake detection system using machine learning and forensic analysis techniques to verify multimedia authenticity
- Implemented secure data handling protocols and access controls for sensitive investigative datasets
- Collaborated with investigators, DSP, and IPS officers to translate operational requirements into functional systems
- Recognized by senior CID officials for innovation, utility, and potential impact on digital investigations

PROJECTS

Deepfake Detection System   **GitHub**

- Designed modular web platform detecting manipulated image, audio, and video content using forensic techniques and ML
- Built scalable backend APIs with secure endpoints for media analysis, classification, and automated report generation

Computerised Cognitive Rehabilitation (CCR)   **GitHub**

- Developed full stack web application for cognitive therapy tracking with EEG data integration and gamified exercises
- Implemented secure user authentication, role-based access control, and HIPAA-aligned data handling practices
- Designed data-driven modules for cognitive assessment, progress monitoring, and analytics visualization using React.js

ACHIEVEMENTS AND HONORS

- Winner, CIDECODE Hackathon (PESU-CIDE), awarded internship with CID Karnataka for deepfake detection innovation
- First Place, Project and Research Expo 2025, recognized for technical depth and practical relevance
- Published research paper on Golden Ratio in Art and Nature (Sri Sairam College of Engineering)

EDUCATION

Bachelor of Engineering in Computer Science and Engineering (Cyber Security)
Sri Venkateshwara College of Engineering, Bangalore   Expected Graduation: 2027