

ANAND V

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EDUCATION

Chennai Institute of Technology,

Chennai, TamilNadu

Bachelor of Technology in Computer Science and Business System
(CGPA – 8.86/10)

September 2024 – May 2027

TECHNICAL SKILLS

Languages: Python, C++, Java, JavaScript, TypeScript, Swift, Deluge (Zoho)

Frontend Technologies: HTML, CSS, JavaScript, React, Next.js, Flutter, React Native, Figma

Backend Technologies: Node.js, Express, MongoDB, MySQL, Firebase, Django, Flask, Docker, SupaBase

Developer Tools: VS Code, Turbo C++, Linux Terminal, Android Studio, Postman, SalesIQ (Zoho), Zoho CRM, Metasploit

EXPERIENCE

CISCO NETWORKING ACADEMY

May 2024 -July2024

- Designed fault-tolerant network architectures with redundancy and load balancing to reduce downtime. Optimized bandwidth and traffic flow using dynamic routing protocols like OSPF and BGP.

Palo Alto Networks Internship

July - september2024

- Conducted in-depth vulnerability assessments, identifying critical security gaps and implementing firewall rules to mitigate threats.
- Utilized Palo Alto's threat intelligence tools for real-time monitoring, analysing attack patterns, and automating incident responses.

Google Android Developer Virtual Internship

Oct - Dec 2024

- Designed and developed dynamic Android applications with intuitive UI/UX, focusing on responsive layouts and smooth navigation.
- Optimized app performance by reducing load times, memory usage, and battery consumption through efficient code practices.

Research Internship (offline)

Nov -Dec 2024

- Enhancing Ransomware Detection: A Comparative Review of XGBoost, Random Forest, and Neural Network Approaches. (ACCEPTED)
- Leveraging CNN, LSTM and SVM for Hybrid Intrusion Detection: A Deep Learning Approach. (PENDING)

PROJECTS

● **Flight Booking Application| Node.js, Express, MongoDB:** Built a full-stack flight booking system with secure user authentication, real-time flight searches, and dynamic booking management.

● **Network Sniffing| Python-scrapy, Snort:** Engineered a robust network sniffing tool utilizing Python and Snort, capable of detecting and analysing real-time network traffic.

● **Business Bot | python, html, Gemini Api:** Developed a business automation bot utilizing the Python Gemini API to streamline tasks, enhance productivity, and facilitate seamless communication.

● **Ad Scam detector | python, Selenium, ML Algorithms:** Developed a ML-powered browser extension to detect and flag scam ads on social media in real-time using Python, Selenium, and ML algorithms for fraud detection.

CERTIFICATIONS

- AWS Certified Cloud Practitioner – AWS
- Cloud Computing-NPTEL
- Data Base Management System-NPTEL
- Ethical Hacking Essentials- EC-Council
- Google Cybersecurity specialist – Coursera

PLATFORMS

LeetCode: Solved:650+ | Rank: 1,789 |Knight Badge

Code Chef: Solved:150 | Rank 1260

ACHIEVEMENTS

- Finalist in VLTUR by Greeks for Greeks (2024)
- Semi-Finalist in HackWithIndia-(2025)

VOLUNTEERING

Zorphix Web Developer Team: Contributed as a web developer in organizing the symposium, collaborating with teams to create seamless web experiences.