

ADHIL ALI

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EDUCATION

Vellore Institute of Technology, B.Tech. in Computer Science and Engineering

Bhopal, IND

- CGPA: 8.10
- Specialization: Cybersecurity and Digital Forensics

TECHNICAL SKILLS

Languages: Python, SQL, Bash, PowerShell Scripting, HTML, CSS, JavaScript

Frameworks and Libraries: OpenCV, Tensorflow, CanSat

Developer Tools and Platforms: GitHub Actions, Docker, AWS, Kubernetes, Firebase, Jenkins

Cybersecurity: Linux System Administration, BurpSuite, Wireshark, Autopsy, OpenVAS, Nmap

WORK EXPERIENCE

TICO [City, Saudi Arabia]

Saudi Arabia

Software Development Intern (Manufacturing/Industrial Systems)

Nov 2024 – Jan 2025

- Engineered full-stack Python solutions, streamlining manufacturing processes and reducing data processing time by 15%.
- Designed and implemented robust back-end systems for automated industrial data collection, improving data accuracy by 20% and enhancing production optimization insights.
- Leveraged full-stack expertise to create specialized tools, contributing to a projected 10% increase in productivity and quality control advancements.

UNIVERSITY PROJECTS

SECURE FILE SHARING PLATFORM

November 2023

- Built a secure file sharing system with end-to-end encryption, authentication mechanisms, and access controls.
- Ensured data integrity and regulatory compliance through robust backend logic and secure database handling.
- Designed a user-friendly interface and implemented backup & recovery strategies for data resilience.

COLLEGE EVENT MANAGEMENT SOFTWARE

May 2024

- Developed a fully functional event management system following the Software Development Life Cycle (SDLC).
- Built a knowledge base for 50+ users, streamlining event management and cutting admin tasks by 40%.
- Achieved over 50% time savings through backend automation and streamlined workflows.

CYBERBULLYING DETECTION SYSTEM

Apr 2025

- Built a machine learning model to detect cyberbullying from tweets using custom datasets and TF-IDF features.
- Developed a web app for real-time detection with multi-label classification across different bullying types.
- Used Python, Flask, and Scikit-learn for backend; integrated with HTML frontend.

ACTIVITIES

EXPERIENTIAL LEARNING PROGRAM - VIT Bhopal University

Bangalore and Chennai

Sep 2024

- Gained practical experience at TVS, focusing on Industry 4.0 and electric vehicle (EV) technologies.
- Proficient in IoT programming with Raspberry Pi PICO and MicroPython.

Core Member, Photography and Movie making club -VIT Bhopal University

Bhopal, VIT

Nov 2022 – Present

- Led meetings and events to engage members.
- Managed projects to meet deadlines and quality.
- Served as a photographer for club activities.

ADDITIONAL

Languages: Fluent in English, Malayalam, Tamil | Conversational Proficiency : Hindi.

Certifications: IBM CyberSecurity Analyst