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Professional Summary

Technology-focused engineering student with a strong foundation in computer networks, operating systems, and cybersecurity fundamentals. Hands-on experience through an industry internship and system-level automation projects. Currently working on building an AI agent framework with a focus on workflow orchestration and system design. Strong interest in cybersecurity and intelligent systems. Seeking practical roles to apply skills and grow in a technology-driven environment.

Education

Nutan Maharashtra Institute of Engineering and Technology, Talegaon <i>Bachelor of Engineering, Information Technology</i>	2024 - 2027
Pimpri Chinchwad Polytechnic, Pune <i>Diploma in Computer Engineering</i>	2021 - 2024 Percentage: 88.97%
Pratibha International School (CBSE) <i>Secondary School Certificate (Class X)</i>	2020 - 2021 Percentage: 86%

Technical Skills

Programming Languages: Python, C, C++, Java, JavaScript, SQL
Cybersecurity Concepts (Foundational): Incident Response, Digital Forensics, Threat Hunting, Phishing Analysis, Network Traffic Analysis, Evidence Handling
Cybersecurity Tools: Nmap, Wireshark, FTK Imager, Autopsy, VirusTotal, Email Header Analysis
AI & Systems Concepts: AI Agent Framework Design (Foundational), DAG-based Workflows, Automation Logic, System Architecture Basics
Systems & Platforms: Linux, Operating Systems, Computer Networks, File Systems
Developer Tools: Git, Linux Command Line

Experience

Web Developer Intern <i>Anweb Technologies</i>	2023
<ul style="list-style-type: none">Worked as a Web Developer Intern at Anweb Technologies, contributing to frontend development for <i>ShopAt</i>, a client-facing web application.Developed and enhanced user interface components using HTML, CSS, and JavaScript, focusing on usability, responsiveness, and clean layout structure.Collaborated with team members to follow development workflows, integrate frontend components, and address UI-related issues through testing and iteration.	

Projects

AI Agent Framework <i>Intel Unnati Industrial Training Program</i>	Ongoing (2025 - Present)
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- Working on building a custom AI agent framework from scratch as part of the Intel Unnati training program, without relying on existing agent frameworks such as CrewAI, AutoGen, or n8n.
- Designing and implementing task flow orchestration using DAG-based structures, along with input/output handlers, tool integration, memory handling, guardrails, and observability features such as logging and execution metrics.
- Developing a modular system architecture involving ingress handling (REST/queue), an orchestrator, executors, and persistent state management, while exploring Apache ecosystem components for messaging and orchestration.
- Gaining hands-on experience in AI workflow design, reliable execution mechanisms including retries and timeouts, and development using Intel-recommended platforms and guidelines.

Smart File Manager – File Manager Automation

Jun 2023 – Jan 2024

Desktop Automation Project

- Developed a Python-based desktop file management application with a GUI to automate file organization and improve usability beyond standard file explorers.
- Implemented time-based color-coded file tagging with persistent storage and duplicate file detection to reduce redundancy and streamline file lifecycle management.
- Engineered multi-threaded file operations and core features such as search, sort, rename, and batch deletion while maintaining application responsiveness.

ShopAt – E-Commerce Web Application

2023

Frontend Web Project

- Developed the frontend of a browser-based e-commerce web application using HTML, CSS, and JavaScript.
- Implemented responsive UI components and interactive client-side flows for product navigation and shopping cart functionality.

Publications

Intelligent Automation in File Management: Addressing Data Accessibility and Redundancy

Jan 29, 2024

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Certifications & Professional Training

Detect & Defend – Incident Response & Digital Forensics Blueprint

Oct – Nov 2025

Hands-on Training Program – Secured Bharat Group

- Completed an intensive hands-on training program in Incident Response, Digital Forensics, and Threat Hunting, achieving over 90% accuracy across practical assessments.
- Worked with security tools including Nmap, Wireshark, FTK Imager, Autopsy, VirusTotal, and email header analyzers for forensic analysis and investigation.

Cyber Security Tools & Techniques Workshop

Sep 2023

Cyber Sanskar

- Participated in a hands-on workshop covering fundamental cybersecurity concepts, common attack vectors, and basic defensive techniques.

Languages Known

Hindi, English, Marathi.