

Sarthak Priyadarshi

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Education

St. Joseph Engineering College, Mangalore <i>Bachelor of Engineering in Computer Science VTU</i>	<i>Dec 2022 – Mar 2026</i> <i>CGPA: 8.59</i>
Kendriya Vidyalaya No. 2, Jalahalli East <i>Class 12 (Science – PCM-CS) CBSE Board</i>	<i>Jul 2020 – Mar 2022</i> <i>Percentage: 72%</i>

Experience

Software Development Intern ProWriter California, USA	<i>Remote</i> <i>Sept 2025 – Present</i>
<ul style="list-style-type: none">○ Built the Complete Document Editor feature with Table Resize functionality with Image Resize and Move and Fixing Image Alignment issue in the document editor & utilizing debounce in Angular.js.○ Built the UI/UX for Authentication Pages in the ProWriter Webapp adding responsiveness to the page.○ Building Team Workspace feature with RBAC and ABAC system with multiple roles and attributes	

Achievements

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- **Open Source Contributor:** Contributed to **Kali Linux 2025.2** [🔗](#) dev, making it as a default feature.
 - **Ranked Top 10 in World:** Ranked 10th in World in EC-Council Ethical Hacking in Quarter 3, Sept 2024
 - **Certifications:** [CEH](#) [🔗](#) | [CEH \(Practicals\)](#) [🔗](#) | [CEH \(Masters\)](#) [🔗](#) | [Kali Linux Certified Professional](#) [🔗](#)
 - **Hackathon 48 Hours:** [Cardano Hackathon Asia 2025](#) [🔗](#): 2nd Runner Up | [HackEVL](#) [🔗](#): Winner
 - **Speaker:** Engaged session on **personal data exploitation** for **Indian Air Force 200+** air warriors.

Projects

Aegis Forensics AI FastAPI, Agent DK, Kali Linux, AI Agents, NextJS	GitHub 🔗
<ul style="list-style-type: none">○ Developed a full-stack application for Agentic AI Based Cyber Forensics, supporting executables binary, Network Record Files, Disk Images, Log Files, etc in order to support of 8 extensions.○ Implemented an agent-based AI system using Agent Development Kit for intelligent analysis of Cyber Forensics Evidence.○ Integrated secure database for evidence collection on the basis of using WORM, and Gemini API.○ Built custom agentic tools on the basis of Kali Linux tools and increase accuracy by 10%.	
VAULT Protocol Express.js, Hardhat, Blockchain, Quorum, IPFS	GitHub 🔗
<ul style="list-style-type: none">○ Developed a decentralized certificate management system using Quorum blockchain and IPFS storage, implementing AES-256-GCM encryption for secure file handling and verification.○ Built a comprehensive REST API with vault:// URL scheme protocol support, enabling secure certificate issuance, verification, and download with blockchain-backed immutability and decentralized storage.	
CredVault Next.js, MongoDB, TypeScript, VAULT Protocol	GitHub 🔗
<ul style="list-style-type: none">○ Built blockchain-verified credential issuance platform with custom template designer, bulk CSV issuance, and VAULT Protocol integration (AES-256-GCM, IPFS).○ Implemented multi-role authentication via NextAuth.js with OAuth. Used Mongoose ODM and MongoDB. Built organization management, QR verification, and analytics dashboards.○ Created public profiles and transactional issuance. Integrated real-time blockchain verification.	

Skills

Programming: Python, C, Java, JavaScript, TypeScript, Bash
Frameworks: NextJS, React, FastAPI, Tailwind CSS
Database & Platform: MySQL, MongoDB, Linux, Azure, Digital Ocean
Development Tools: VSCode, Docker, Git, GitHub
Cybersecurity Tools: Kali Linux, Nmap, Wireshark, Metasploit, hashcat, NetExec, SQLMap, BloodHound
Soft Skills: Root Cause Analysis, Evaluative Thinking, Communication, Teamwork, Agility, Efficient Task Prioritization, Leadership, Precision in Execution, Creativity, Self-Motivation