CHIRAG KOYANDE

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EDUCATION

Bharati Vidyapeeth College of Engineering   Mumbai, India
Bachelor of Engineering in Information Technology   2022 – Present

SICES College Ambernath   Mumbai, India
Higher Secondary Certificate (HSC) – Science   2021-2022

Adarsh Vidya Mandir Badlapur   Mumbai, India
Secondary School Certificate (SSC)   2019-2020

PROJECTS

Opportune – Real-Time Opportunity Aggregation Platform
Stack: React, Vite, Supabase Edge Functions, Firecrawl

- Developed a real-time platform aggregating 100+ active hackathons daily from 8+ verified sources.
- Implemented Supabase Edge Functions to normalize and serve data in sub-300ms, reducing latency by 40%.
- Integrated controlled web scraping using Firecrawl to retrieve up-to-date listings with 99% data reliability.
- Designed a fast, minimal UI focused on signal over noise to improve discoverability.
- **Live Demo** | **GitHub**

LinkSniff – PDF Phishing Detection System
Stack: Python (Flask), JavaScript, PDF Analysis, Security Heuristics

- Built a cybersecurity tool to analyze PDFs with 10–50 links, inspecting URLs for phishing indicators.
- Implemented heuristic-based risk scoring using 8–10 security indicators (reputation, obfuscation).
- Achieved sub-2 second analysis time per document, enabling quick triage of malicious PDFs.
- Designed an interactive dashboard displaying risk classifications with exportable threat reports.
- **Live Demo** | **GitHub**

SentinelWatch SIEM – Log Analysis & Alerting System
Stack: Python (FastAPI), Security Monitoring, Log Analysis

- Developed a lightweight SIEM system to simulate real-world Security Operations Center (SOC) workflows.
- Implemented rule-based detection using 6–8 correlation rules to identify suspicious patterns like brute-force.
- Built an alerting engine classifying incidents into low, medium, and high severity.
- **Live Demo** | **GitHub**

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, SQL, HTML, CSS
- **Frontend:** React, Vite, Tailwind CSS, Material UI
- **Backend & Databases:** Flask, FastAPI, PostgreSQL, SQLite
- **Cybersecurity:** SIEM Fundamentals, Log Analysis, Alerting, Incident Response, Vulnerability Scanning, Linux Fundamentals, Ethical Hacking Concepts
- **Tools:** Git, GitHub, Vercel, Render, Linux

CERTIFICATIONS

- **Linux Unhatched** – Cisco Networking Academy
- **Ethical Hacking & Penetration Testing Mastery** – Udemy (Ocsaly Academy)
- **ISC2 Certified in Cybersecurity (CC)** – In Progress

ACHIEVEMENTS

- Built and maintained an active professional network with **2,500+ LinkedIn followers**.
- **Vice Leader** of the college Digital Strategy Team, contributing to collaborative initiatives.
- Participated in multiple hackathons, tech fests, and presentation competitions.