

CHIRAG KOYANDE

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EDUCATION

Bharati Vidyapeeth College of Engineering
Bachelor of Engineering in Information Technology

Mumbai, India
2022 – Present

PROJECTS

Opportune – Real-Time Opportunity Aggregation Platform

Stack: React, Vite, Supabase Edge Functions, Firecrawl

- Developed a real-time platform aggregating 100+ active hackathons and internships 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 and user experience.
- [Live Demo](#) | [GitHub](#)

LinkSniff – PDF Phishing Detection System

Stack: Python (Flask), JavaScript, PDF Analysis, Security Heuristics

- Built a cybersecurity tool to analyze PDF documents containing 10–50 embedded links, inspecting URLs for phishing indicators.
- Implemented heuristic-based risk scoring using 8–10 security indicators (domain reputation, obfuscation, redirects).
- Achieved sub-2 second analysis time per document on average, enabling quick triage of potentially malicious PDFs.
- Designed an interactive dashboard displaying risk classifications, with exportable threat reports for investigation.
- [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 such as brute-force attempts.
- Built an alerting engine classifying incidents into low, medium, and high severity, with support for incident lifecycle states.
- [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, Networking Basics
- 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.