

Dheraya Kamdar

Cyber Security & AI Enthusiast

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Portfolio: <https://dsk2605.github.io/MyPortFolio/> | GitHub: <https://github.com/dsk2605> |

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Career Objective

Aspiring Cyber Security Engineer with hands-on experience building AI-driven security tools and full-stack web applications. Looking for opportunities to apply secure coding, ethical hacking, and machine learning skills in real-world, impactful projects.

Summary

Third-year Cyber Security engineering student passionate about technology, AI, and digital protection. Experienced in developing practical AI and cybersecurity projects with strong teamwork, rapid prototyping, and presentation skills.

Skills

Programming Languages: Python, Java, C, PHP, JavaScript, TypeScript, HTML5, CSS

Frameworks & Libraries: Flask, Streamlit, Express.js, React.js, Angular (familiar), Node.js, Bootstrap

Databases & DevOps: MySQL, PostgreSQL, MongoDB, Docker, Redis, Git/GitHub, CI/CD (GitHub Actions)

Machine Learning & AI: scikit-learn, XGBoost, TensorFlow (basic), Pandas, NumPy

(NLTK, spaCy) -- learning

Cybersecurity Tools: Kali Linux, Wireshark, Burp Suite, OWASP ZAP, Network Security, Penetration Testing

Other Technologies: RESTful APIs, JWT Authentication, Microservices, UI/UX, API Integration, Cloud (AWS basics)

Projects

PhishShield AI — AI-powered Phishing Detection

- Developed a phishing detection system for SMS and emails using NLP and ML classifiers (scikit-learn, Pandas).
- Dockerized the model deployment using Flask and built a responsive UI for user testing.

- Focused on feature engineering and model evaluation to achieve high accuracy on phishing datasets.

Tech Stack: Python, Flask, scikit-learn, Pandas, HTML/CSS/JS

HealthCure AI — Symptom-based Medical Assistant

- Built an AI assistant that predicts likely conditions from symptoms and suggests cure recommendations.
- Integrated Infermedica API for real-time condition details and built a secure Flask backend.
- Used XGBOOST Model for dataset training.

Tech Stack: Python, Flask, PostgreSQL, Infermedica API, HTML/CSS/JS, ML (XGBOOST)

OERMS — Online Examination & Result Management System

- Designed and documented a full-featured online exam and result management system to ensure integrity and automation.
- Implemented SRS, DFDs, API specs, and a secure architecture with user authentication and role-based access.
- Proposed Dockerized microservices using Express.js and PostgreSQL with CI/CD integration via GitHub Actions.

Tech Stack: Express.js, Node.js, PostgreSQL, Docker, CI/CD, Security Architecture

Education

B.Tech in Cyber Security, Shah and Anchor Kutchhi Engineering College, Mumbai — Expected June 2027

Experience & Hackathons

- Participated in national-level hackathons via Unstop, focusing on AI, healthcare, and cybersecurity innovation.
- Developed and presented prototypes under time constraints, strengthening collaboration and technical execution.

Certifications

- CEH (Certified Ethical Hacker) – Main Certificate
- ISC2 Cybersecurity Certificates – Domains 1, 2, 3, and 4
- Cyber Peace Foundation – Cyber Awareness Certificate
- Deloitte – Cyber Job Simulation Program
- AIPL – Cybersecurity Internship Certificate
- Virtual Lab – Cybersecurity Hands-On Certification
- Galaxy AI – Participation Certificate
- IIIT Surat – Hackathon Participation Certificate

- National Level Coding Contest Certificate
- Infosys Springboard – CSS, HTML, and PHP Certifications
- Coursera – Excel for Data Analysis
- SkillUp – Python & C Programming Certificates
- Java Certification
- Ethical Hacking AICTE Certificate