Ren Patel

Student

Surat, Gujarat, India

+91 8734035056 | renpatel8124@gmail.com | linkedin.com/in/ren-patel-078348316 | github.com/Ren8124

CAREER OBJECTIVE

Motivated and dedicated learner with a strong interest in Cybersecurity and Full Stack Web Development. Actively building knowledge in secure web application development, web security fundamentals, and modern frontend–backend technologies. Developing an understanding of web-based attacks, secure coding practices, and basic incident response concepts through hands-on learning. Strongly focused on continuous learning and building secure, scalable, and reliable systems.

EDUCATION

Pandit Deendayal Energy University (PDEU), Gandhinagar   2022–2026
B.Tech in Information & Communication Technology
CGPA: 7.91
Expected Graduation: 2026

Government Polytechnic For Girls, Surat   2020–2023
Diploma in Computer Engineering
CGPA: 9.17

CERTIFICATIONS

IBM Cybersecurity Analyst Professional Certificate   Nov 2025
Coursera
Credential ID: 4JCH65PCKIRH

- Completed a 14-course professional program covering SOC workflows and cybersecurity fundamentals.

- Hands-on experience with Wireshark, SIEM concepts, threat intelligence, incident response, and digital forensics.

Security Operations Center (SOC)   Nov 2025
Cisco Learning and Certifications (Coursera)
Credential ID: Q0ZQ8YRMJBQ5

- Gained practical understanding of SOC monitoring, alert triage, and log analysis.

- Studied real-world SOC workflows and security event correlation.

WORK EXPERIENCE

Emerging Five, Ahmedabad   May 2025 – Jul 2025
Software Development Intern (Web & Security)

- Developed secure, scalable web applications using React.js and TypeScript.

- Implemented authentication and authorization using Firebase.

- Applied security-aware coding practices for handling user data.

PROJECT WORK

Web Attack Detection & Forensic Logging System (Cybersecurity Minor Project)

- Designed a real-time detection system for malicious HTTP requests using Python and Flask.

- Implemented detection for SQL Injection, XSS, Phishing, and Directory Traversal attacks.

- Built forensic logs capturing timestamp, source IP, attack type, and payload.

TrackMyWaste – Real-Time Waste Management & Analytics System

- Developed a secure backend system using Flask and MongoDB to manage and analyze waste data.

- Implemented real-time analytics updates for an admin dashboard using Flask-SocketIO.

- Designed change-detection using MongoDB change streams with polling fallback for reliability.

- Applied authentication mechanisms and access controls to restrict admin-level dashboard access.

TECHNICAL SKILLS AND INTERESTS

Cybersecurity: Web Application Security (SQLi, XSS, CSRF), Network Protocol Analysis (TCP/IP, DNS, HTTP), Incident Response, Digital Forensics, Vulnerability Assessment.

Tools: Wireshark, Burp Suite, Nmap, Kali Linux, GitHub, VS Code.

Languages: Python, Java, JavaScript, SQL, TypeScript, React.

TRAINING & SELF-LEARNING

- Practicing web security testing on vulnerable applications (OWASP Juice Shop).

- Strong understanding of OWASP Top 10 vulnerabilities.

- Performed reconnaissance and vulnerability scanning using Nmap.