

# RACHIT PATEL

## Final Year B.Tech Student | Aspiring Cyber Security Engineer

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### CAREER OBJECTIVE

Aspiring Cyber Security Engineer with a strong foundation in network security, ethical hacking, and threat analysis. Currently pursuing B.Tech in CSE and upskilling through platforms like TryHackMe. Seeking an internship opportunity to apply and expand my knowledge in real-world cybersecurity environments.

### EDUCATION

Bachelor of Technology (B.Tech) in Computer Science Engineering

Indus University, Ahmedabad

Expected Graduation: 2026

Current CGPA: 7.5

### TECHNICAL SKILLS

- Security Tools: Nmap, Wireshark
- Platforms: TryHackMe, Hack The Box
- Networking: TCP/IP, Subnetting, OSI Model, Firewall concepts
- Programming/Scripting: Python (basic), Bash
- Operating Systems: Kali Linux, Windows, Ubuntu

### INTERNSHIP

BrainyBeans

- Worked on Python scripts and automation tasks, gaining proficiency in logic building and debugging.

Full Stack Development Training

- Gained exposure to frontend (HTML/CSS/JS) and backend (Node.js) technologies.

### CERTIFICATION

- Cybersecurity 101 – Udemy – Completed
- Foundations of Cybersecurity – Coursera (Google Cybersecurity Certificate) – In Progress
- TryHackMe – Pre-Security – Completed
- TryHackMe – Cybersecurity 101 – In Progress
- 1-Month Python Internship – BrainyBeans
- 1-Month Full Stack Web Development Course – Indus University
- NPTEL – Ethical Hacking – In Progress

### PROJECTS

- **Malware Detection Using Machine Learning**

Used Python and Scikit-learn to build a basic malware classifier based on API call sequences.

- **Port Scanner Tool** (Mini Project)

Developed a Python-based port scanner that identifies open TCP ports on a given host.

- **Web-vuln-scanner:**

Implemented a web vulnerability scanner leveraging Python, Requests, and BeautifulSoup to identify security weaknesses, including XSS and SQL Injection, with automated report generation.

- **Languages:** English, Hindi , Gujarati