

RAJ DUBEY

CYBERSECURITY ENTHUSIAST | 3RD YEAR, CSE (IOT & CSBT)

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SUMMARY

Cybersecurity enthusiast with hands-on experience in web application testing, network security, and CTFs, including organizing Chakravavyuha CTF; passionate about ethical hacking and building secure IoT solutions.

TECHNICAL SKILLS

C, C++, Java, Python, Assembly
Language, MySQL, MongoDB, JS

Computer Networking, Binary
Exploitation, Reverse Engineering

Web Exploitation, Cryptography,
Digital Forensics, OSINT, Node JS

EDUCATION

BE CSE (IoT & CSBT)

2023-2027

Lokmanya Tilak College Of Engineering, *Mumbai University*

Aggregate- 9.16 CGPA

4th Sem: 9.33 CGPA

3rd Sem: 9.65 CGPA

2nd Sem: 9.10 CGPA

1st Sem: 8.56 CGPA

Higher Secondary Education

SIES College Of Science, Commerce & Arts, Sion

- 66%

2021-2023

Secondary School Of Education

D.Y. Patil

- 92%

2011-2021

EXPERIENCE

- **AIML & Data Science With Python Internship** 2025
- **Computer Science & Engineering Students Association**, President 2025-2026
- **Google Developers Group**, Co Event Lead 2025-2026
- **Indian Society Of Technical Education**, Treasurer 2025-2026
- **Avinya Research & Innovation Cell**, Project Deep Blue Team Co Lead 2025-2026
- **Computer Science & Engineering Students Association**, Technical Member 2024-2025
- **Indian Society Of Technical Education**, Technical Secretary 2024-2025
- **Google Developers Group**, Documentation Coordinator 2024-2025
- **Chakravavyuha CTF**, Event Head 2025

PROJECTS

- **XtracTorq**: A powerful digital forensic tool that collects and secures system artifacts, browser data, and network logs.
- **DocuMate**: An AI-driven document management system for automatic sorting, searching, and secure storage.
- **First Defence**: Implementing a local ad blocker using Raspberry Pi for enhanced privacy.
- **FortiPass**: A Web & Python Based Password Strength Checker.
- **AIML Model**: A Machine Learning project using Linear Regression to predict outcomes based on data trends. Built and tested using Python.
- **Restaurant Ordering System**: A Java-based GUI application to order food, apply discounts, print bills, and store order history using Swing.
- **Arduino-Based Fingerprint Sensor**: This project involved developing a biometric security system using Arduino.
- **SOS Falling Watch**: A wearable safety device using ESP32 and sensors to monitor fall detection.

ADDITIONAL INFORMATION

- **Certifications**: Google Cloud GEN AI Skill Badges, MongoDB Skill Badges, Green Skills & Artificial Intelligence Foundation Course Under Skills4Future Program By Edunet Foundation, CTF Challenge Development, Participation In Hackathons And CTF At Google, Cyberstorm And Many More, 30+ Certifications In Diverse Technical & Professional Skills From LetsUpgrade In Collaboration With ITM, NSDC, GDG MAD, ML Mumbai, The Good Community, X & SIRONA CIRCLE, YHPro Workshop On Building A Career In Cybersecurity
- **Soft Skills**: Leadership, Group Management, Team Work, Problem Solving, Communication
- **Hobbies**: Travelling & Exploring, Coding My Personal Projects, Learning New Skills, Driving
- **Research Paper**: *Beyond the Classical Paradigm*: An In-Depth Comparison of Python and C in Traditional and Quantum Computing for IoT and Cybersecurity Applications
- Identified and successfully exploited a **GitHub vulnerability (CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N)**, reported via HackerOne and acknowledged as Informative.
- Collaborating with **Bollywood celebrity Shiamak Datar** on a custom mobile app for his dance academy to manage enrolment, scheduling, and engagement.