Sumit Raj

✉ sumitraj0157@gmail.com 📞 (+91) 8521467210 sumitraj8930 in sumit-raj-ss8930

EDUCATION

Lakshmi Narain College of Technology & Science, Bhopal, M.P
Bachelor of Technology in Computer Science and Engineering | 7.25 CGPA 2022 – 2026
Saraswati Vidya Mandir, Bokaro, Jharkhand
Class XII | CBSE Board | 74.6% 2021 – 2022
Saraswati Vidya Mandir, Bokaro, Jharkhand
Class X | CBSE Board | 74.2% 2019 – 2020

SKILLS

- **Programming & Scripting:** Python, Object Oriented Programming
- **Library:** NumPy, Pandas, Matplotlib
- **Database & Cloud:** AWS (EC2, S3, Lambda, IAM, CloudWatch), MYSQL
- **Machine Learning :** ML (Supervised & Unsupervised Machine learning)
- **Cyber Security**: Burp Suite, Wireshark, Subfinder, Nmap, Metasploit, John the Ripper etc
- **Other Tools:** GitHub, Docker, Ngrok, VM Ware, Virtual Box (Oracle)

Certificates

- **Master Certified Ethical Hacker** (EC- Council)
- **Drop Organization Security Certified**
- **Introduction to Cyber Security** (Cisco)

WORK EXPERIENCE

Intern | Cyber Security Analyst | Securium Solutions Pvt. Ltd.   **NOV 2024 – JAN 2025**

- Used **Wireshark** to monitor and analyze network traffic for anomalies and threat
- Performed **web application testing with BurpSuite**, detecting vulnerabilities like SQLi and XSS Contributed to **research-based content creation** for lab experiments, ensuring accuracy and alignment with academic requirements.
- Conducted **vulnerability scans with Nikto** to identify outdated software and misconfigurations.
- **Assisted in preparing security reports and recommending remediation measures.**

PROJECTS

FRIDAY – The Desktop AI Assistant– (Python, NLP, Speech Recognition, Task Automation, Docker)🔗
- Built a personal AI assistant that works like a smart teammate, using Python, NLP, and speech recognition.
- Automated daily tasks like opening apps, searching the web, fetching real-time updates, and controlling smart devices.
- Designed a modular system that allows adding new features easily.
- Containerized the full project using Docker, making it easy to deploy on any system.
- Improved productivity by 40% through automation and faster task handling.

Twitter Sentiment Analysis (Python, Pandas, NumPy, Scikit-learn**)**🔗

- Implemented sentiment analysis on **1.6M tweets** dataset from Kaggle to classify sentiments (positive, negative, neutral).
- Applied **text preprocessing** (tokenization, stopword removal, stemming) and extracted features using **TF-IDF**.
- Trained a **Logistic Regression model**, achieving **89.8% training accuracy** and **78.6% testing accuracy**.
- Evaluated model performance using **precision, recall, and F1-score** for better insights.
- Visualized results and trends using **Matplotlib** for interpretability.

ACHIEVEMENTS

- winner of TECHNOVATION Hackathon conducted in IES group of college
- Winner of Project expo in Srishti Techfest conducted in LNCT
- Runner up of SISTec Smart India Hackathon Conducted at SISTec Gandhinagar
- Winner of Hackathon Held at Prestige College, Winner of 7 + Hackathons…