

SOHAM JOSHI

+91 7719088844 ◇ Pune, Maharashtra, India

joshi.soham27@gmail.com ◇ linkedin.com/SohamJoshi ◇ github.com/ManInTheHam

OBJECTIVE

Highly motivated and quick-learning engineering graduate with a solid foundation in software development, networking, and AI. Eager to contribute to real-world projects and solve meaningful challenges collaboratively.

EDUCATION

Bachelor of Electronics and Telecommunication

International Institute of Information Technology, Pune

2021 - 2025

SKILLS

Technical skills	Python, C++, HTML/CSS, SQL, NoSql, Flask, Django, FastApi, Shell Scripting
Tools and Platforms	Git, GitHub, Docker, Postman, Jupyter Notebook, Vercel
Soft skills	Problem Solving, Decision-making skills, Adaptability

EXPERIENCE

Python Programming Internship

Dec 2023 - Jan 2024

Motion Cut

Pune, India

- Performed in-depth data analysis **50K+ records** using Pandas, improving decision-making by **25%**.
- Engineered an **automated web scraping pipeline** using BeautifulSoup, extracting **real-time data from 10+ websites** for competitive analysis.

PROJECTS

Prescription Text Extraction

- Pioneered an AI-powered prescription text extraction system** using Python, Flask, and Machine Learning, **automating digitization of 200+ handwritten prescriptions daily** with **95% accuracy**.
- Automated the **digitization of handwritten medical prescriptions**, improving data processing efficiency.
- Trained and fine-tuned **custom deep learning models**, enhancing text extraction accuracy by **60%**.

Fake News Detection System

- Designed and implemented an **AI-based system** to classify news articles as **real or fake** using **Natural Language Processing (NLP)**.
- Utilized **TF-IDF** for feature extraction and trained a **Logistic Regression model**, improving classification accuracy.

Packet Sniffer using Python

- Developed a Python-based packet sniffer to capture and analyze network traffic in real time using scapy.
- Implemented filtering mechanisms to inspect specific protocols (**TCP, UDP, ICMP**) and extract relevant data.
- Enhanced network security awareness by logging packet details and validating results using Wireshark.

RELATED COURSEWORK

- Undergraduate: Data Structures and Algorithms, Operating Systems and Programming.
- Online: Python (Jose Portilla, Udemy), Web Development by Angela Yu (Udemy)
- Certificates: [Google Cloud Digital Leader \(CDL\)](#) , [Oracle Databases for Developers: Foundations](#), Pursuing CCNA Training Program 2025 (under I2IT Academy)