SOHAM MANGORE

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EDUCATION

KIT's College of Engineering, Kolhapur   *Dec 2023 – June 2025*

B. Tech in Computer Science (Data Science)   CGPA:8.0

- Won 1st prize in Project Based Learning for 2 consecutive semesters.
- Participated in KIT AVINYA - HACKATHON and secured a position in Top 20.

Chhatrapati Shahu Vidyalaya and Junior College, Kolhapur   *Dec 2021*

Higher Secondary Education   Percentage: 86%

St. Xavier's High School, Kolhapur   *March 2019*

SSC   Percentage: 81%

LANGUAGES AND SKILLS

Languages: Python (*Sci-kitLearn, Numpy, Pandas, Matplotlib, Seaborn, Tensorflow, OpenCV*), C, C++, HTML, CSS, JavaScript, Bootstrap.

Skills: SQL, Microsoft PowerBi, Microsoft Office.

EXPERIENCE

Acmegrade

Cyber Security Training & Internship(Online)   *September 2023*

- Learnt about Fundamentals of Cyber Security, Ethical Hacking and related tools.
- Also worked on 3 industry standard projects: 1) Reconnaissance. 2) Network Scanning using Nmap. 3) Hacking into SQL Database using sqlmap and NSE.

PROJECTS

1) **Automatic Number Plate Recognition System:**

   Tech Stack: *TensorFlow, OpenCV, Easy-OCR, MYSQL, Nodejs, HTML, CSS, Javascript.*
   - o Automatic Number Plate Recognition (ANPR) is an image processing technology which captures the number-plate of vehicles. The objective is to design a system which will be used for authorization as well as for Analysis purpose.

2) **Real-Time Object Detection:**

   Tech Stack: *TensorFlow, PyTorch, OpenCV, Socket Programming in Python.*
   - o Traditional home security systems often rely on static cameras and manual monitoring. To surpass these limitations, we created a system leverages the power of object detection and socket programming.

3) **Darshan Booking System:**

   Tech Stack: *Python, Tkinter.*
   - o Designed and Developed a GUI using Python, and Tkinter, and handled data by using File Handling concepts.
   - o Added features like storing the booking information of the users in a QR code, along with a visualization feature for the Admin.

COURSES AND CERTIFICATIONS

- Technex'23 IIT Varanasi : **Machine Learning & Artificial Intelligence- Hands-on Tutorial.** (FEB'23)
- IIT Bombay: **Data Analytics.** (DEC'22)

EXTRA-CURRICULARS

- **Treasurer**- Rotaract Club of KIT Sunshine (Year 23-24).
- **Volunteered** in organizing 'ABHIGYAN 2022' an international student conference also received Special Mention award for my contribution.
- **Volunteered** in event 'BEYOND RESUME' during Pioneer 2023.
- Part of **Creative & Design Team** in Association of CSE AI & DS.