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

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%

PROGRAMMING SKILLS:

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

EXPERIENCE:

Acmegrade

Cyber Security Training & Internship   *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.

ACHIEVEMENTS:

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

PROJECTS:

Automatic Number Plate Recognition System:

Tech Stack: TensorFlow, OpenCV, Easy-OCR, MYSQL, Nodejs, HTML, CSS, Js.
- 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.

Real-Time Object Detection:

Tech Stack: TensorFlow, PyTorch, OpenCV, Socket Programming in Python.
- 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.

Darshan Booking System:

Tech Stack: Python,Tkinter.
- Designed and Developed a GUI using Python, and Tkinter, and handled data by using File Handling concepts.
- 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.