

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 3 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.*

- 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.*

- 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.*

- 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.

4) Walmart time-Series Analysis

Tech Stack: *ARIMA, SARIMA, FB PROPHET*

- Conducted comprehensive Walmart time-series analysis, leveraging ARIMA, SARIMA, and FB Prophet models for accurate forecasting, and implemented an interactive PowerBi dashboard for insightful data visualization.
- Applied advanced data science techniques, including feature engineering and exploratory data analysis using Python tools, to extract meaningful insights from Kaggle-sourced Walmart time series data, contributing to enhanced decision-making in retail analytics.

COURSES AND CERTIFICATIONS

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

EXTRA-CURRICULARS

1. Treasurer - Rotaract Club of KIT Sunshine (Year 23-24)

- Managed the financial operations of the Rotaract Club, overseeing all monetary transactions and accounts, ensuring accurate and transparent financial reporting.
- Spearheaded the development and maintenance of the club's budget, allocating resources efficiently to support various charitable initiatives, fundraisers, and community service projects.
- Arranged and Participated in Social Events like 'Swachatta Sankul': Cleanliness Drive, Visit to old age home, Menstrual health awareness & Sanitary Pad donation, etc
- Also arranged fun events like Day-out, Football Tournaments, E-Sports Tournaments, etc

2. Manager - 'ABHIGYAN 2022'

- Actively participated in the planning and execution of 'ABHIGYAN 2022,' an international student conference that attracted an impressive crowd of over 1000 students from Kolhapur and nearby cities.
- Received Special Mention award for outstanding contributions.
- Collaborated with a diverse team to plan and execute a successful international conference.

3. Volunteer - 'BEYOND RESUME' (Pioneer 2023)

- Played an essential role in event coordination and execution.
- Contributed to the event's success by organizing various activities and ensuring smooth operations.

4. Member of Creative & Design Team - Association of CSE AI & DS

- Worked in a creative and design capacity to enhance the visual presence of the organization.
- Participated in designing promotional materials and graphics for events and initiatives.