Mandar Sandip Kulkarni

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EDUCATION

B.E	Jan '22 - May '25
S.S.P.M College of Engineering, Kankavli.	Kankavli

Recently graduated with a Bachelor of Engineering in Computer Engineering, achieving a cumulative CGPA of **8.79 (80.22%)**.

HSC	Jul '19 - Feb '21
Kankavli College, Kankavli.	Kankavli
SSC	Mar '19
S M High School, Kankavli.	Kankavli

INTERNSHIPS

Machine Learning Intern	Dec '24 - Jan '25
Edunet Foundation (AICTE Internship Program)	Remote

- Completed AI: Transformative Learning with TechSaksham internship focusing on Human Pose Estimation using ML techniques.
- Worked with **MediaPipe, OpenCV, and Python** to detect and track human movements in real-time.

Machine Learning Intern	Aug '24 - Sep '24
Bharat Intern	Remote

- Implemented **data preprocessing, feature engineering, and model evaluation** to enhance prediction reliability.

PROJECTS

Predictive Modeling of Nifty 50 Stock Market Bottoms Using Deep Learning

- Developed a **stacked LSTM** model achieving **92% accuracy** in forecasting Nifty 50 market bottoms.
- Processed **18+ years of NSE data**, applied technical & fundamental indicators, and visualized trends for investment strategies.
- Presented research paper titled **"Nifty 50 Forecasting Using Stacked LSTM"** at the IEEE International Conference on (ICICI) 2025.

Stock Trading Software System

- Collaborated with a team of 3 to design and implement a stock trading software, focusing on creating an intuitive, investor-friendly platform.

SKILLS

- **Programming**: Python (Basic), Java (Basic), C, JavaScript, HTML/CSS.
- **Developer Tools**: VS Code, PyCharm, AWS.
- **Database**: MySQL, Oracle.
- **Technologies**: LaTeX.
- **Subjects / Academic Interests**: DSA, DWM, TCS, ML, NLP, DL.
- **Soft Skills**: Leadership, Problem-Solving, Teamwork, Adaptability, Continuous Learning.

CERTIFICATION

- **Coursera:** Crash Course on Python, Create Charts and Dashboards Using Microsoft Excel.
- **INFY Springboard:** Basic of Python.
- **TATA-Forage:** Data Visualization.
- **Internshala:** Web Development, Data Science.
- **Talent Battle:** Machine Learning Workshop.
- **Spoken Tutorial:** (Linux, PHP and MySQL, Python, Java).

ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Secured **3rd Rank** in First Year of Engineering & Semester 5 of Third Year Computer Engineering.
- Achieved **1st Rank** in Second Year Computer Engineering.
- Recognized as **Subject Topper** in **Analysis of Algorithms (AOA)** and **Data Warehousing and Mining (DWM)**.
- **NSS Coordinator (2 Years):** Developed leadership skills and a strong sense of social responsibility through community service initiatives.
- **Virtuosic 2k25 (2025): Student Convener**: Coordinated SSPM's national-level technical fest, leading planning and execution.
- **Event Leadership:** Managed a college-level recruitment drive and inter-college cultural drama, enhancing team coordination and multitasking.