

Dedicated and results-driven B. Tech graduate in Information Technology, specialized in Artificial Intelligence and Machine Learning. With a strong foundation in Python, web development, and data science tools, I have successfully developed robust machine learning models and analyzed intricate datasets. I am eager to leverage my technical expertise in solving real-world challenges and am committed to continuous learning and contributing to cutting-edge AI and technology projects.

EDUCATION

B. Tech in Information Technology Honours: Artificial Intelligence and Machine Learning	2020 – 2024
K. J. Somaiya Institute of Technology - Sion, Mumbai	9.71/10.0 CGPA
Higher Secondary Certificate (H.S.C.) Vocational Course: Computer Science	2018 – 2020
S. S. & L. S. Patkar College of Arts & Science - Goregaon, Mumbai	86 %
Secondary School Certificate (S.S.C.)	2006 – 2018
Millat High School - Jogeshwari, Mumbai	88 %

WORK EXPERIENCE

Data Science Intern, TATA Power	January 2024 – Current
Developed an AI-Based Short-Term Load Forecasting system with 95% accuracy, integrating models (LSTM, ANN, ARIMA) and a robust backend pipeline using Python, TensorFlow, and FastAPI, and visualized insights via Power BI.	
Data Analyst Intern, India Meteorological Department (IMD)	June 2023 – May 2024
Developed and optimized a Weather Data Analytics Dashboard for the Pune region, utilizing Python, Power BI, and more to visualize weather data and derive actionable insights for sectors like healthcare and agriculture.	
Machine Learning Intern, India Meteorological Department (IMD)	November 2022 – May 2023
Developed a Heatwave Watch System achieving ~92% accuracy and an RMSE of 3°C, optimized 28 deep learning models, and built efficient pipelines and APIs using Python, TensorFlow, and Flask.	
Full Stack Web Developer Intern, KJSIT	June 2022 – Current
Developed and maintained the Examiner Appointment System for K.J. Somaiya Institute of Technology, facilitating the appointment of internal and external examiners/paper setters, generating appointment-related PDFs, integrating email notifications, and maintaining appointment records for tracking and auditing purposes.	

ACHIEVEMENTS AND RECOGNITIONS

- Author of Copyrighted Software **Examiner Appointment System** (Ref. No.: SW-17510/2023) owned by K. J. Somaiya Institute of Technology.
- Achieved top positions in prestigious competitions like CogniQuest: Data Science Quest, TECH-A-THON 23, and Innovathon 2023, demonstrating excellence in problem-solving and innovation. Additionally, recognized for participation in national-level competitions like IDEATHON 2.0 - 2023.

SKILLS

- Programming Languages:** Python, C, C++
Web Development: HTML, CSS, Bootstrap, JavaScript, jQuery, React.js, Node.js, Express.js, Angular, Flask
Mobile App Development: Android Development (Java/Kotlin), Flutter
Frameworks & Libraries: TensorFlow, Keras, Pandas, Scikit-Learn
Databases: MySQL, MongoDB, Redis
Data Science & Analytics: Tableau, Power BI
Tools & Technologies: Git, MS Office, Canva, Google Workspace
Others: IoT, Web Scrapping, Google Cloud, R&D, Leadership, Team Management

CERTIFICATIONS

Google Cloud Computing Foundations Google Cloud	October 2023
Level 3 GenAI: Prompt Engineering Google Cloud	October 2023
AWS Academy Graduate - AWS Academy Machine Learning Foundations AWS	April 2023
Android Study Jams Google DSC – NIT	October 2022
Python 3.4.3 Spoken Tutorial IIT Bombay	May 2022
Communication Skills TATA Consultancy Services tcsiON	October 2023
Additional Certifications: https://drive.google.com/drive/folders/1onIVh57t2q-OvPPskwmbPzZNa7PYDFHQ	

LEADERSHIP EXPERIENCE

Chief Marketing Officer (CMO) Institution of Engineers, India (IEI) – KJSIT Students’ Chapter	June 2023 – June 2024
Technical Admin Institution of Engineers, India (IEI) – KJSIT Students’ Chapter	June 2022 – May 2023
Technical Team member Computer Society of India (CSI) – KJST Students’ Chapter	June 2021 – May 2022
Organizing Team member Student Council (SC) – KJSIT	September 2020 – February 2021

HOBBIES & INTERESTS

Attending Live Events | Collecting Coins | DIY Projects and Crafts | Fitness and Exercise (Gym, Running, Cycling, etc.) | Philosophy and Deep Discussions | Socializing and Networking | Technology and Gadgets | Writing and Performing Poetry or Spoken Word.