Summary
Highly motivated and detail-oriented third-year engineering student with expertise in Python, SQL, and data analysis. Proficient in data visualization, statistical analysis, and predictive modeling. Proven experience in applying analytical skills to drive business decisions through data-driven projects.

Skills
- **Programming Languages:** Python, SQL
- **Data Analysis:** Data Cleaning, Data Visualization, Statistical Modeling
- **Machine Learning:** Machine Learning, Deep Learning, Natural Language Processing (NLP)
- **Data Science Tools:** NumPy, Pandas, Matplotlib, scikit-learn, TensorFlow
- **Business Intelligence Tools:** Power BI, Google Analytics
- **Databases:** MySQL, MS-Excel

Experience
Data Science And Deep Learning Intern
- **Duration:** Jun 2025
- **Institution:** Vidyavardhini's College Of Engineering And Technology, Vasai
- **Responsibilities:**
- Gained hands-on experience in data preprocessing, exploratory data analysis (EDA), feature engineering, and building machine learning & deep learning models.
- Worked with libraries like NumPy, Pandas, Matplotlib, Scikit-learn, and TensorFlow to develop predictive and classification models.
- Enhanced skills in data visualization, model evaluation, and optimizing performance for real-world datasets.

Projects
- **E-commerce Sales Dashboard using Power BI**
- Designed and developed an interactive Power BI dashboard to visualize key e-commerce sales metrics including total revenue, profit, orders, customer segmentation, and regional performance.
- Duration: Jun 2025 - Jul 2025
- **Customer Churn Prediction**
- Collected, cleaned, and analyzed customer data to uncover patterns linked to churn behavior.
- Built and tuned machine learning models, including Logistic Regression and XGBoost, for optimal performance.
- Achieved 85% accuracy, enabling the business to proactively retain at-risk customers and reduce losses.
- Duration: May 2025 - Jun 2025
- **Customer Segmentation**
- Developed a customer segmentation model using K-Means clustering to group customers based on purchasing behavior and demographics.
- Performed data preprocessing, feature scaling, and dimensionality reduction (PCA) to improve clustering performance.
- Visualized clusters using Seaborn and Matplotlib for actionable business insights.
- Enabled targeted marketing strategies by identifying high-value customer segments.
- Duration: Jun 2025
- **Twitter Sentiment Analysis**
- Performed binary sentiment classification on tweets using the Sentiment140 dataset by applying NLP techniques and training a Logistic Regression model to accurately detect positive or negative sentiments.
- Duration: Feb 2025 - Apr 2025

Certifications
- **Python 101 For Data Science**
- Duration: Jun 2025
- Institution: IBM SkillsBuild, Virtual
- **Data Analytics Job Simulation**
- Duration: Jun 2025
- Institution: Deloitte, Virtual
- **Data Science Job Simulation**
- Duration: May 2025 - Jun 2025
- Institution: Lloyd's Banking Group, Virtual
- **Programming Fundamentals Using Python**
- Duration: Mar 2025 - Apr 2025
- Institution: Infosys Springboard, Virtual

Education
- **Bachelor of Engineering (B.E)**
- Duration: 2023 - 2027
- Institution: Vidyavardhini's College Of Engineering And Technology
- **Senior Secondary (XII)**
- Percentage: 84.60%
- Institution: Nirmala Memorial Foundation College Of Commerce And Science
- Duration: 2023
- **Secondary (X)**
- Percentage: 99.40%
- Institution: Oxford Public School, Mumbai
- Duration: 2021