

Chetan Chaughule

Computer Engineer

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PROFESSIONAL SUMMARY

A **dedicated and results-driven Computer Engineering fresher** with **strong expertise in Python and data science**. Proficient in using Python for **data analysis, automation, and machine learning** tasks. Demonstrates solid understanding of **data preprocessing, statistical modeling, and data visualization** through libraries like **Pandas, NumPy, Matplotlib, and Seaborn**. Experienced in building and evaluating **predictive models**, and familiar with **supervised and unsupervised learning techniques**. Strong problem-solving skills, capable of extracting insights from complex datasets. Eager to contribute to **data-driven decision-making** in innovative projects within a **collaborative and dynamic environment**.



EXPERIENCE SUMMARY

- **Computer Engineering fresher** with a strong foundation in **Python programming, data science, and Power BI**.
- Developed a **property price prediction website** using Python, implementing data analysis and predictive modeling.
- Created a **Power BI project** analyzing the best cricket player of **World Cup 2024** through visual analytics.
- Experience with building **neural network models** for complex data processing and predictions.
- Led the development of a **college event management system** to streamline event coordination.
- Worked on **Kidzopidie**, a project that provides guidance on **child development** and features **interactive games** for kids.
- Skilled in leveraging technology to solve **real-world problems** and deliver **innovative solutions**.
- Eager to contribute to collaborative teams and gain experience in the field.



TECHNICAL SKILLS

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|--------------------------------------|---------------------|
| Front End Language | Html, CSS, React JS |
| Back End Language | Python, SQL |
| Data visualization | PowerBI , Excel |
| Data Manipulation and Analysis Tools | Pandas, NumPy |



PROJECT DETAILS

Project 1:

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|---------------------|---|-----------|-----------------------|
| Project Name | Sentiment Analysis | Duration | July 2023 to Apr 2024 |
| | | Team Size | 1 people |
| Description | Developed a model to classify text as positive, negative, or neutral. Preprocessed data, extracted features, and implemented models like Logistic Regression, SVM, LSTM, and BERT. Evaluated performance and deployed the model as a REST API for real-time analysis. | | |
| Role & Contribution | <p>Major Project : Contribution:</p> <ul style="list-style-type: none">○ Data Collection & Preprocessing: Gathered and cleaned data, applied tokenization, stop-word removal, and lemmatization.○ Feature Engineering: Extracted TF-IDF vectors, word embeddings (Word2Vec), and sentiment-specific features.○ Model Development: Built and trained models (Logistic Regression, SVM, LSTM, BERT) for sentiment classification.○ Model Evaluation: Assessed models using accuracy, precision, recall, F1-score, and tuned hyperparameters.○ Visualization & Reporting: Created visualizations (word clouds, confusion matrix) and prepared a project report.○ Deployment: Deployed the model via REST API for real-time sentiment analysis with a user-friendly interface. | | |
| Tools | Python, html , Google Collab | | |

Project 2:

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|---------------------|--|-----------|-----------------------|
| Project Name | CREDIT_-CARD- _FINANCIAL_DASHBOARD | Duration | Aug 2024 to Sep 24 |
| | | Team Size | 1 people |
| Description | Developed an interactive dashboard to analyze credit card transactions, spending patterns, and financial metrics. Used visualizations like bar charts and pie charts to track spending trends, credit utilization, and payment history, providing real-time insights for better financial management. | | |
| Role & Contribution | <p>Role: Personal Project</p> <p>Contribution:</p> <ul style="list-style-type: none">• Data Collection & Integration: Collected and integrated credit card transaction data.• Data Visualization: Created visualizations (bar charts, line graphs, pie charts) to track spending patterns and financial metrics.• Dashboard Development: Developed an interactive dashboard using Power BI/Tableau for real-time financial insights.• User Experience: Designed user-friendly layouts to enhance data interpretation and decision-making.• Automation: Integrated real-time data updates for continuous monitoring | | |
| Tools | DAX (in Power BI) , Power BI , Excel / SQL , Python (Pandas, Matplotlib) | | |



EDUCATIONAL DETAILS

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| B.E. | Degree in Computer Engineering from Universal College of Engineering, Completed in 2024 | CGPI:8.19 |
| Precollege | From BNN College in Science Strem | Percentage: 62% |



DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.