

# BHARGAV RAVI

[LinkedIn](#) | [GitHub](#) | [Website](#)

**Location :** Paris, France  
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## SUMMARY

Proactive Data Science student with expertise in Python, SQL, and AI-driven analytics. Currently pursuing an MSc in Data Science and Analysis at EPITA, Paris, with hands-on experience in dashboard development, data optimization, and AI technology integration. Skilled in providing actionable insights and supporting cross-functional teams with data-driven recommendations. Passionate about leveraging AI for scalable solutions and enhancing digital transformation processes.

## TECHINICAL SKILLS

- Programming Languages :** Python, SQL, R
- Frameworks :** Flask, Tensorflow, Pytorch, StreamLit, API
- Libraries :** Scikit-learn, Keras, Matplotlib, Plotly, Seaborn, Numpy, Pandas
- Tools :** Git, MLflow, Airflow, Docker, AWS, Excel, Power BI, Grafana
- Coursework :** Data Analytics, Machine Learning, Deep Learning, NLP, MLOPS, DBMS

## EXPERIENCE

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| <b>Graduate Researcher</b><br>École Pour l'Informatique et les Techniques Avancées (EPITA) | Paris, France<br>(Sep 2023- July 2024) |
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- Designed and maintained dashboards using Power BI to monitor and visualize key metrics supporting cross functional teams in decision-making processes.
  - Wrote and optimized SQL queries to extract and analyze data for internal control use cases.
  - Built data pipelines to ensure data accuracy and consistency for compliance-related operations.

## EDUCATION

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| <b>École Pour l'Informatique et les Techniques Avancées</b><br>MSc. Data Science and Analysis (DSA) | Paris, France<br>(2023 - 2024)               |
| <b>Cambridge Institution of Technology</b><br>B.E Computer Science                                  | Bangalore, Karnataka, India<br>(2018 – 2022) |

## PROJECTS

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|-----------------------------|--|-----------------------------|
| <b>Travel Agent Chatbot</b> | Python, JavaScript, TensorFlow, Pytorch, Scrapy, HTML, CSS, React.js | <a href="#">Source code</a> |
|-----------------------------|--|-----------------------------|
- Developed a travel agent chatbot utilizing fine-tuned BERT and BLSTM models, enhancing natural language understanding and query resolution by **40%**.
  - Integrated LangChain and vector databases for real-time personalized travel recommendations, improving response time by **35%**.
  - Optimized NLP techniques for efficient itinerary generation, significantly enhancing user satisfaction in the travel industry.
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|-----------------------------|--|-----------------------------|
| <b>Car Price Prediction</b> | Python, Streamlit, FastAPI, PostgreSQL, Airflow, Great Expectations, Grafana | <a href="#">Source Code</a> |
|-----------------------------|--|-----------------------------|
- Developed a scalable web application for price prediction using SQL-based data pipelines and API integration.
  - Created dashboards for visualizing trends and monitoring model accuracy with tools like Grafana.
  - Ensured robust data quality checks and compliance with industry standards using Airflow and Great Expectations.
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|---|---------------------------|-----------------------------|
| <b>House Price Prediction Industrialization</b> | Python, SQL, ML Libraries | <a href="#">Source Code</a> |
|---|---------------------------|-----------------------------|
- Implemented end-to-end industrialization of a Machine Learning model for predicting house prices. Utilized Python, pandas, and Scikit- learn to create a robust and scalable solution.
  - The project involved several steps including data pre-processing, model building, model evaluation, and inference.

## SOFT SKILLS

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| <ul style="list-style-type: none"><li>Problem-Solving</li><li>Analytical Thinking</li></ul> | <ul style="list-style-type: none"><li>Attention to Detail and Quality Optimization</li><li>Independent and Proactive Work Ethic</li></ul> |
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## LANGUAGES

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|---|--|--|
| <ul style="list-style-type: none"><li>French (A2)</li></ul> | <ul style="list-style-type: none"><li>English (C1)</li></ul> | <ul style="list-style-type: none"><li>Kannada (C2)</li></ul> |
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