

# ATHARVA PRABHUNE

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Passionate and skilled **AI/ML Analyst** with a strong background in **data analysis**, machine learning algorithms, and predictive modeling. Proficient in extracting insights from complex datasets to drive business decisions and enhance operational efficiency. Seeking to leverage expertise in AI/ML methodologies to contribute to innovative projects and deliver impactful solutions.

## Technical Skills

- Python/C/ C++
- SQL/ PostgreSQL
- Azure/AWS
- Machine Learning
- JavaScript
- ReactJS
- Oracle Fusion Cloud
- NumPy/Pandas
- HTML/CSS
- Open CV
- Power BI/ MS Excel
- Pyspark

## Work Experience (Total 3 Years)

**Innodata India Private Limited** **Noida(Remote)**

**AI/ML Analyst Technical | Oct'23 – Apr'24 | Key Result Areas:**

- Developed and implemented **Python scripts** and machine learning algorithms for various projects. Conducted datapreprocessing, feature engineering, and model training to build predictive models
- Proficient in **HTML, CSS, and JavaScript**, with hands-on experience in **React** for frontend development. Skilled in converting design mockups into functional and visually appealing web interfaces
- Worked on enhancing the security of the **LLM** for a client by preventing potential jailbreaking attempts.
- Created comprehensive dashboards and reports using data visualization tools like Tableau/Power BI integrated with **PySpark**.
- Created interactive **dashboards** and reports in **Power BI** to visualize sales trends, enabling stakeholders to makedata-driven decisions
- Developed and optimized input prompts for natural level processing models at a leading data company, resulting in a significant in model performance and accuracy for text generation tasks.

**Hexaware Technologies** **Chennai/Pune**

**Associate System Engineer | Mar'22 – Sep'23 | Key Result Areas:**

- Displaying expertise in utilizing Azure and **Oracle Cloud** platforms for project development
- Developing the frontend of the software application using JavaScript and React, ensuring a seamless user experience. Creating responsive landing pages using HTML, CSS, and JavaScript for the company and clients, enhancing user accessibility
- Contributed to the migration of data from **PeopleSoft to Oracle Fusion Cloud**, ensuring smooth data integration and consistency
- Handled multiple tickets and provided solutions while working on Azure Cloud.
- Executing data integration and efficiently migrated data from Peoplesoft to Oracle Fusion Cloud.
- Utilized Spark SQL for data querying and transformation to ensure data quality and consistency.

## Education

- **Bachelor of Engineering (IT)** from Zeal College of Engineering, Pune in 2022  
Grade: 8.51 CGPA
- **XII (Science)** from State Board in 2018  
Grade: 71.80%



## CERTIFICATIONS

- **Microsoft AZ-900 / Microsoft AZ-204 Developer Associate**
- **Python from Scratch-Eduonix**
- **AWS Cloud Fundamentals**
- **Oracle Cloud Associate Fundamentals**
- **Microsoft Power BI fundamentals**
- **Adobe Premier Full Stash**

## Projects

### Credit Card Report/ Dashboard

Developed a comprehensive Credit Card Report Dashboard utilizing **Power BI, DAX, and PostgreSQL** to provide detailed insights into credit card data. This involved:

- Designing and implementing data models in **PostgreSQL** to ensure efficient and accurate data storage and retrieval.
- Writing complex **DAX** formulas in Power BI to perform in-depth data analysis and create dynamic, interactive visualizations.
- Collaborating with **stakeholders** to identify key performance indicators (KPIs) and metrics for the **dashboard**.
- Ensuring data accuracy and consistency through thorough testing and validation.
- Delivering a user-friendly interface that enabled stakeholders to easily access and interpret critical financial insights, leading to more informed decision-making.

### Face Detection & Recognition

- Utilized Python, CV2, Pillow, and NumPy to build a Face Detection and Recognition project.
- Implemented computer vision methods to detect faces from webcam feed.
- Created and maintained a local dataset for face recognition
- Achieved an impressive accuracy rate of nearly **80%** for face identification
- Worked on improving the dataset and recognition accuracy over time

### E-Commerce Website

- Developed a fully functional Ecommerce website for online shopping
- Designed and implemented a user-friendly shopping cart application.
- Ensured smooth and secure transactional processes for consumers
- Integrated various payment gateways and shipping methods for a seamless shopping experience
- Effectively managed and maintained the website to meet consumer demands

## Personal Details

**Date of Birth:** 4<sup>th</sup> December 2000 | **Languages Known:** English, Hindi & Marathi

**Location:** Pune