Preetham H

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1 Education

B.E. in Artificial Intelligence and Data Science	11/2022 – 06/2026
Don Bosco Institute of Technology, Bengaluru, India	CGPA: 8.10/10 (78%)
Pre-University Course (PCMB)	07/2020 – 06/2022
RNS PU College, Bengaluru, India	Percentage: 82.5%
SSLC	06/2020
Theresa Public School, Bengaluru, India	Percentage: 90.24%

2 Technical Skills

- **Programming Languages**: Python, Django, SQL, Java, C, C++, JavaScript, MongoDB
- **Developer Tools**: Linux, Git, VS Code, DataGrip, IntelliJ IDEA
- **Frameworks & Technologies**: FastAPI, Airflow, Spark, ReactJS, NodeJS, ExpressJS, Power BI, Tableau
- **Data Science & Engineering**: Data Engineering, Data Extraction, Machine Learning, NLP, Data Pipelines, Data Quality Assurance

3 Projects

3.1 Resume Ranker Using Machine Learning (Python, Scikit-learn, TF-IDF)   2024

- Developed an NLP-based resume ranking system to match resumes with job descriptions, achieving 90% classification accuracy.
- Implemented data extraction and preprocessing pipelines using TF-IDF vectorization for efficient text analysis.
- Deployed system with Flask, ensuring scalable backend integration.
- GitHub Repository

3.2 Data Pipeline Optimization (Python, Airflow, SQL)   2024

- Designed and automated scalable data pipelines using Python and Airflow, processing 10,000+ records daily.
- Integrated SQL-based data quality checks, reducing data inconsistencies by 15%.
- Collaborated with analytics team to prepare datasets for machine learning applications.

3.3 Data Analytics with Power BI   2023

- Built interactive dashboards to visualize sales data, improving decision-making efficiency by 20%.
- Extracted and transformed large datasets using Python for seamless integration with Power BI.

4 Internship

4.1 API Developer, ACE Horse, Bengaluru, India   12/2022 – 03/2023

- Developed and optimized APIs using FastAPI and Django, reducing system response time by 25%.
- Implemented automated testing pipelines, ensuring 98% API reliability.
- Collaborated with data teams to integrate APIs with core platforms, supporting real-time data processing.

5 Certifications

- Machine Learning with Python, Coursera, 2024
- Python for Data Science, XIE, 2024
- SQL for Data Science, Coursera, 2023
- Command Line in Linux, Coursera, 2023
- MongoDB Basics, MongoDB University, 2023

6 Extracurricular Activities

- Member, AI and Data Science Club, Don Bosco Institute of Technology
- 3rd Prize, State-Level Yoga Competition, Bengaluru, 2017