Preetham H

Bachelor of Engineering
Don Bosco Institute of Technology, Bengaluru

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Education

- **Bachelor of Engineering in Artificial Intelligence and Data Science** *11/2022 – 06/2026*
  Don Bosco Institute of Technology, Bengaluru CGPA: 8.10/10 (78%)

- **Pre-University Course (PCMB)** *07/2020 – 06/2022*
  RNS PU College, Bengaluru Percentage: 82.5%

- **SSLC** *06/2020*
  Theresa Public School, Bengaluru Percentage: 90.24%

Personal Projects

- **Resume Ranker Using Machine Learning** *2024*
  Python, Scikit-learn, TF-IDF

  – 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: github.com/Preetham2004H

- **Data Pipeline Optimization** *2024*
  Python, Airflow, SQL

  – 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.

- **Data Analytics with Power BI** *2023*
  Python, Power BI

  – 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.

Experience

- **API Developer** *12/2022 – 03/2023*
  Internship ACE Horse, Bengaluru

  – 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.

Technical Skills

Languages: Python, Django, SQL, Java, C, C++, JavaScript, MongoDB
Developer Tools: Linux, Git, VS Code, DataGrip, IntelliJ IDEA
Frameworks & Technologies: FastAPI, Airflow, Spark, React.js, NodeJS, ExpressJS, Power BI, Tableau, Excel, Microsoft 365
Data Science & Engineering: Data Engineering, Data Extraction, Machine Learning, NLP, Data Pipelines, Data Quality Assurance

Certifications

- **MERN Stack Developer** Edunet *2025*

- **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*

Extracurricular Activities

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