

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	
<div><div>– Developed an NLP-based resume ranking system to match resumes with job descriptions, achieving 90% classification accuracy.</div><div>– Implemented data extraction and preprocessing pipelines using TF-IDF vectorization for efficient text analysis.</div><div>– Deployed system with Flask, ensuring scalable backend integration.</div><div>– GitHub Repository: <a href="https://github.com/Preetham2004H">github.com/Preetham2004H</a></div></div>	
•Data Pipeline Optimization	2024
Python, Airflow, SQL	
<div><div>– Designed and automated scalable data pipelines using Python and Airflow, processing 10,000+ records daily.</div><div>– Integrated SQL-based data quality checks, reducing data inconsistencies by 15%.</div><div>– Collaborated with analytics team to prepare datasets for machine learning applications.</div></div>	
•Data Analytics with Power BI	2023
Python, Power BI	
<div><div>– Built interactive dashboards to visualize sales data, improving decision-making efficiency by 20%.</div><div>– Extracted and transformed large datasets using Python for seamless integration with Power BI.</div></div>	

Experience

•API Developer	12/2022 – 03/2023
Internship	ACE Horse, Bengaluru
<div><div>– Developed and optimized APIs using FastAPI and Django, reducing system response time by 25%.</div><div>– Implemented automated testing pipelines, ensuring 98% API reliability.</div><div>– Collaborated with data teams to integrate APIs with core platforms, supporting real-time data processing.</div></div>	

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 DeveloperEdunet	2025
•Machine Learning with PythonCoursera	2024
•Python for Data ScienceXIE	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