ARYAN PRASAD

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EDUCATION

JSS Academy of Technical Education   **Nov 2022 – Present**
B.E - Computer Science and Engineering(AI and ML) - ***CGPA - 9.55***   *Bengaluru, India*

Alpine Public School   **Aug 2020 - July 2022**
CBSE - Senior Secondary Education - ***Percentage - 82%***   *Bengaluru, India*

Delhi Public School Bangalore South   **June 2020**
CBSE - Secondary School - ***Percentage - 87%***   *Bengaluru, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Machine Learning
- Database Management System (DBMS)
- Computer Networks
- OOPS Concept
- Web Development
- Artificial Intelligence

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, SQL, NoSQL, Html, Css
Developer Tools: VS Code, Intellij Idea, Git, GitHub, Jupyter
Technologies/Frameworks: Flask, Numpy, Pandas, ReactJS, NodeJS, Scikit-learn

PROJECTS

Sensor-Enabled Freshness Lifespan Analysis ↗ | Python, XGBoost, scikit-learn, Arduino   **Mar 2025**
- Built a machine learning system to predict the freshness lifespan of perishable items using gas and environmental sensors.
- Collected real-world sensor data via Arduino; applied smoothing, interpolation, and correlation analysis.
- Achieved 0.981 R^2 on banana dataset using XGBoost; evaluated against Random Forest, SVR, and Linear Regression.

ConversoDB ↗ | ReactJS, MySQL, NodeJS, Express, Node-NLP   **Jan 2025**
- NLP-based system that acts as a conversational database management interface for businesses
- Enabled users to interact with databases via natural language queries, simplifying database operations and enhancing user experience.

CareerCompass ↗ | Html, Css, JavaScript, Flask, Gemini API   **Apr 2025**
- Developed Career Compass, a career development platform using Flask, HTML, CSS, JavaScript, and the Gemini API.
- Features include roadmap creation, resume creation and analysis, and an AI-powered career mentor chatbot, providing users with personalized career guidance and tools.
- Live site here

Mini Projects ↗ | **2024 - Present**
- Portfolio Website using Html, Css, JavaScript Visit
- Machine Learning Projects using Scikit-learn Visit

ACHIEVEMENTS

- Qualified GATE 2025 exam
- Above 9 SGPA in all semesters
- Won multiple offline coding contests
- Top 0.5% in college
- 1590 contest rating at CodeChef
- 1742 contest rating at GeeksforGeeks
- IEEE Student Member

CERTIFICATIONS

- Introduction to Programming in C - NPTEL
- Programming in Java - NPTEL