# Pranav Jahagirdar

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## Professional Summary

AI/ML Engineering student with strong foundation in deep learning, predictive modeling, and data analytics. Experienced in developing translation systems and predictive models using TensorFlow and scikit-learn. Seeking AI/ML opportunities to apply and enhance technical skills in real-world applications.

## Education

**B.M.S. College of Engineering**, Bengaluru — Nov 2022 - July 2026

- BE in Artificial Intelligence and Machine Learning, CGPA: 7.0/10
- **Relevant Coursework:** Machine Learning Algorithms, Deep Learning, Neural Networks, Data Mining, Statistical Analysis, Computer Vision

**Deeksha CFL PU College**, Bengaluru — May 2020 - May 2022

- Pre-University Course with focus on Physics, Chemistry, Mathematics, and Computer Science

## Technical Skills

**AI/ML:** TensorFlow, Scikit-Learn, Neural Networks, Supervised Learning, NLP, SentencePiece
**Programming:** Python, SQL, JavaScript, C, C++, Java
**Data Science:** Pandas, NumPy, Data Analytics, Statistical Analysis, Feature Engineering
**Visualization:** Matplotlib, Seaborn, Tableau, Power BI, Excel
**Web Development:** React.js, Node.js, Express.js, Three.js, HTML, CSS
**Database:** PostgreSQL, MySQL, DBMS
**Tools:** Git, Jupyter Notebooks, Google Colab, Flask

## Projects

**Hybrid Machine Translation Model** GitHub — Jan 2023 - Mar 2023

- Developed a deep learning-based translation model that leverages both rule-based and neural network approaches to improve translation accuracy
- Achieved 87% translation accuracy, a 12% improvement over pure neural translation methods
- **Technologies:** Python, TensorFlow, SentencePiece, Flask, Matplotlib

**Bitcoin Price Prediction using Machine Learning** GitHub — Aug 2023 - Oct 2023

- Created an ML pipeline to predict profitable Bitcoin trading opportunities with 76% accuracy
- **Technologies:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn

**IPL Score Prediction Model** GitHub — Nov 2023 - Dec 2023

- Developed a regression model to predict final IPL match scores using historical match data
- **Technologies:** Pandas, NumPy, Keras, TensorFlow, scikit-learn, ipywidgets

**Movie Recommendation System** GitHub — Feb 2023 - Mar 2023

- Implemented content-based and collaborative filtering recommendation algorithms
- **Technologies:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn

## Certifications & Courses

**British Airways Data Science Job Simulation on Forage** — March 2025

- Completed a simulation focussing on how data science is a critical component of British Airways' success
- Scraped and analysed customer review data to uncover findings
- Built a predictive model to understand factors that influence buying behaviour

**BCG GenAI Job Simulation on Forage** — March 2025

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis