Manas Bavaskar

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Education

Veermata Jijabai Technological Institute — Mumbai, India
Bachelor of Technology in Information Technology, CGPA: 8.9 — *2022 – 2026*

Saket College of Arts, Science and Commerce — Kalyan
HSC: 84.33% — *2020 – 2022*

Gurukul the Day School — Dombivli
SSC: 94.60% — *2008 – 2020*

Experience

Community of Coders (CoC), VJTI — July 2023 – Present
Competitive Programming Club

- Actively refining problem-solving skills and fostering collaboration within the Competitive Programming Club
- Contributing to the exploration of advanced algorithms and data structures to enhance coding proficiency

ProjectX

- Engaging in open-source AI/ML projects, collaborating with peers to develop innovative solutions
- Implementing novel solutions and experimenting with machine learning models and techniques

Projects

- **TensorForce** | *Python, Flask, React, MongoDB, JavaScript, TensorFlow*
  - Developed a full-stack web application, TensorForce, focused on stock trading using Machine Learning techniques to predict stock outcomes and execute trades on the user's behalf without human intervention
  - Led the development and integration of Machine Learning models for stock market analysis and decision-making by creating models to generate buy and sell signals
  - Played a key role in deploying machine learning models into a production environment, ensuring scalability, reliability, and efficiency
  - Contributed extensively to both the frontend and backend development, particularly focusing on the dashboard implementation
  - Led the effort to integrate APIs for accessing market data and executing trades, while also playing a significant role in enhancing the functionality of the marketplace
- **Book Recommender System** | *Python, scikit-learn, Streamlit*
  - Developed a machine learning-based Book Recommender System to assist users in discovering personalized reading choices
  - Implemented with Python, utilizing the scikit-learn library for machine learning algorithms and Streamlit for interactive and user-friendly visualization

Technical Skills

Languages: C/C++, Python, Java, JavaScript, HTML/CSS
Frameworks: NextJS, React, Node.js, Flask, Material-UI
Developer Tools: Git, Docker
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras, Seaborn