Pratham Sachin Bhanushali

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Education

New York University, Tandon School of Engineering

Master of Science Management of Technology

New York,

Mumbai

Sep 2025 - May-2027

Rajiv Gandhi Institute of Technology

Bachelor of Engineering Information Technology GPA: 3.4

August 2020 - May 2024

EXPERIENCE

Speedbox Mumbai

Software Developer

April 2025 - June 2025

- Integrated RESTful APIs using React, Redux, and JavaScript.
- Fixed bugs and improved application performance.
- Preprocessed data with MongoDB for clean front-end input.
- Built responsive UIs with React, HTML, CSS, and JS.
- Managed state using Redux for scalability.

Webwork Mumbai

Data Analyst

December 2024 - March 2025

- Analyzed and cleaned large datasets using Python and Excel to uncover trends and improve reporting accuracy.
- Built interactive dashboards in Tableau to visualize KPIs and support data-driven decision-making.
- Collaborated with cross-functional teams to develop data models that enhanced operational efficiency by 15%.

V S Sahil Mumbai

Web Developer & Business Analytics Intern

April 2024 - November 2024

- Improved website functionality and content accuracy.
- · Analyzed data to extract trends and insights
- Used tools to evaluate performance and optimize processes.
- Enhanced site design and resolved technical issues.

PROJECTS

C-Chatbot

- Built a text-based chatbot in C that handles user queries with predefined logic and dynamic responses.
- Applied strong skills in C programming, string manipulation, and modular design to create an interactive, user-friendly application.
- Enhanced user interaction by implementing intelligent response patterns, enabling natural conversation flow and improved user satisfaction.

AI Resume Screener

- Developed a Python-based AI tool that extracts text from PDFs/DOCX, applies NLP (spaCy), and ranks resumes using TF-IDF and cosine similarity.
- Delivered a user-friendly Stream lit web app for real-time candidate matching.
- Integrated a user-friendly interface to display candidate ranking results in real-time, ensuring quick and efficient hiring decisions.

Skills

Programming Languages: C/C++, Python, Java, HTML, CSS, JavaScript, MySQL.

Libraries and Frameworks: React, Flask, NextJS, TensorFlow, NumPy, Pandas, Matplotlib, Scikit-learn.

Developer Tools: VS Code, PyCharm, Git, Jenkins, WordPress, Trello.

Cloud Computing: Google Cloud Platform, AWS, EC2, Kubernets, Jetstream.

Operating Systems and IDEs: Linux, Ubuntu, Eclipse.

Publications and Patents

Music Information Retrieval System Using Deep Learning Techniques

May 2024

• International Journal of Scientific Research in Engineering and Management (IJSREM) Volume 08, Issue 05.