# Parth Saxena

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## Education

**Vellore Institute of Technology, Bhopal** <span style="float:right">Expected May 2027</span>
*Integrated M.tech in AI (5 years)* <span style="float:right">*Bhopal, Madhya Pradesh*</span>
- **CGPA:** 8.48

## Experience

**AI CLUB - VIT BHOPAL University** <span style="float:right">Feb 2023 – Feb 2024</span>
*Core Team member (Partnership department)* <span style="float:right">*Bhopal, Madhya Pradesh*</span>
- Led initiatives to contact HR and marketing leads to secure sponsorships for club events.
- Built professional relationships with industry leaders to increase club visibility.
- Played a key role in organizing major events and workshops, boosting member engagement.

## Projects

**Movie Recommendation System** | *NLP, EDA, Content-Based Learning, Streamlit*
- Developed a movie recommendation system that suggests movies based on user preferences.
- Performed extensive Exploratory Data Analysis (EDA) to derive meaningful insights from the data.
- Implemented content-based learning techniques and vectorization for movie recommendations.
- Designed a user-friendly web interface for the model using Streamlit.

**Portfolio Website** | *HTML, CSS, JavaScript*
- Developed a fully responsive website using HTML5 and CSS3, ensuring optimal performance and accessibility across various devices and screen sizes.
- Added interactive elements with JavaScript, such as buttons and navigation menus, to improve user experience.
- Designed a clean and modern layout using CSS, incorporating Flexbox for alignment and spacing.

## Technical Skills

**Languages**: HTML ,CSS ,JavaScript ,C++, Python, MySQL
**Developer Tools**: VS Code, Jupyter Notebook, PyCharm, Github
**Technologies/Frameworks**: Pandas, Numpy, Matplotlib , Machine learning, NLP

## Certifications

**OOPs With C++** <span style="float:right">July 2023</span>
*Udemy*
- "Certified in C++ programming with proficiency in object-oriented principles, data structures, and algorithmic problem-solving."

**Data Structures and Algorithms** <span style="float:right">Nov 2023</span>
*Udemy*
- Developed a strong understanding of fundamental data structures and algorithms.

**Machine Learning** <span style="float:right">Dec 2023</span>
*Coursera*
- Got into the field of machine learning and learned about the various supervised learning algorithms.

**Cloud Computing** <span style="float:right">April 2024</span>
*NPTEL*
- Certified in Cloud Computing with comprehensive knowledge of cloud architecture, services, and theoretical frameworks

## Achievements

- Earned Elite+Silver Certificate with a score of 82 percent in NPTEL's Cloud Computing course conducted by IIT Kharagpur through the SWAYAM portal.
- Qualified for the prestigious Kishore Vaigyanik Protsahan Yojana (KVPY) fellowship in Class 11th.