

Eshan Ratnesh Srivastava

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Education

VELLORE INSTITUTE OF TECHNOLOGY

B. Tech, CSE and Business Systems

Vellore, T.N.

June 2025

Thesis:

- AI Models for Image Processing and Machine Learning: Involves models for Image Processing and Machine Learning, aimed at enhancing surveillance systems with advanced capabilities. Specifically, focused on creating imaging-based vehicle classification techniques for efficient traffic system monitoring.
- AI-Based Emotion Detection for Textual Data: developing systems capable of discerning emotions from text, enabling a deeper understanding of human sentiment and communication patterns.

Relevant Coursework:

- Programming Fundamentals
- Data Structures and Algorithms
- Introduction to Business Management
- Business Communication and Value Sciences
- Financial Cost Accounting and Management
- Marketing Research and Management

BRIGHTLANDS SCHOOL

High School

Dehradun, U.K.

May 2018

- Actively participated in various intra-school activities, honing teamwork, and leadership skills.
- Participated in the National Level Science Talent Search Examination, showcasing an enthusiasm for academic challenges and problem-solving.

Experience

OROM

Backend Developer

Vellore, T.N.

October 2021 – April 2022

- Developed and maintained backend code of web applications.
- Collaborated with a team of developers to design and implement efficient and scalable.
- Participated in code reviews and implemented feedback to improve code quality.
- Utilized version control tools for code management.
- Assisted in identifying and resolving technical issues and provided technical support as needed.
- Improved website speed and performance through code optimization and database indexing.

Leadership and Activities

Institution of Engineers(I) - VIT

Core Committee Member

March 2022 – Present

- Conceptualized and planned events for IE(I)-VIT, ensuring seamless execution by coordinating with multiple teams and stakeholders.
- Oversaw logistics and resource management to ensure successful implementation of events during the technical fest 'Gravitas' and Tech. week 'Yantra.'
- Actively recruited members for the upcoming session, contributing to the continuity and growth of the organization.

Hindi Literary Association - VIT

Editorial Head

August 2022 – March 2023

- Organized events during 'Riviera,' the Annual International Sports and Cultural Carnival, to promote Hindi literature and provide a platform for Hindi-speaking students to showcase their literary skills.
- Demonstrated expertise in content management, team coordination, editing and reviewing, publication scheduling, managing submissions, and ensuring adherence to content guidelines and policies.

Skills & Interests

Technical:

- | | | |
|--------------------|--------------|-------------------|
| • C | • CSS | • Adobe Photoshop |
| • C++ | • JavaScript | • Jamovi |
| • Python | • PHP | • Scikit-learn |
| • Machine learning | • SQL | • TensorFlow |
| • R Language | • GitHub | • Canva |
| • HTML | • Figma | |

Language:

- English - Full Professional Proficiency
- Hindi - Full Professional Proficiency
- Spanish - Elementary Proficiency

Interests:

- **Finance and Economics:** Actively follow financial news and trends and enjoy studying economic principles to understand market dynamics and their impact on business development.
- **Stock Market:** Engage in research and analysis of stocks, exploring investment opportunities, and understanding the financial markets' behavior.
- **Gym and Fitness:** Passionate about maintaining a healthy lifestyle through regular gym workouts and staying physically active.
- **Quality Time with Friends and Family:** Value meaningful connections and enjoy spending quality time with loved ones, fostering strong relationships and teamwork skills.