

# Amarjeet Kumar

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## EDUCATION

Vellore Institute of Technology, Bhopal (Aug 2021 – Jun 2025)

Bachelor of Technology (B.Tech) in Computer Science & Engineering | CGPA: 8.20

## TECHNICAL SKILLS

- Programming & Databases:** C++, JavaScript (ES6), SQL, MySQL, MongoDB
- Development & Tools:** ReactJS, Node.js, ExpressJS, API Integration, Git, GitHub, VS Code
- Concepts & Interests:** Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems

## WORK EXPERIENCE

**MERN Stack Developer – Ethnus, Remote (Aug 2023 – Nov 2023)**

- Designed and developed **secure, scalable web applications** using the **MERN stack**, focusing on **real-time data processing**.
- Managed **5 major releases** while following **Agile & SDLC** practices, contributing to **code reviews and debugging**.
- Led **feature development** for projects like the **Art Gallery Website**, improving **frontend performance and backend security**.

## PROJECTS

 **Food's Cart – Sales Analytics & Inventory Optimization (Dec 2023 – Jun 2024)** [LINK](#)


**Technologies Used:** React, MongoDB, Node.js, Express.js

- Built a **data-driven web platform** to digitalize a family confectionery business, increasing **sales by 10%**.
- Integrated **CORS, JWT authentication, Stripe payments, file uploads, and validation** for a **secure & seamless user experience**.
- Designed an **admin dashboard** with **sales reports, inventory insights, and user analytics**, improving **business decision-making**.

 **Cryptocurrency Tracking Platform (Jun 2024 – Aug 2024)** [LINK](#)

**Technologies Used:** React, Material UI, Axios, React Router, Coingecko API, Chart.js, Framer Motion

- Created a **real-time cryptocurrency analytics platform** to **track prices, market volume, and trends** using **Coingecko API**.
- Improved **investment decision-making by 40%** by implementing tools to **compare 100+ cryptocurrencies, analyze trends, and provide alerts**.
- Integrated **portfolio monitoring tools** to identify **underperforming assets** and help in **portfolio rebalancing**.
- Optimized performance for **real-time data updates** with an **average latency of <1 second**.

 **Gen AI Stock Advisor (Jul 2024 – Ongoing)** [LINK](#)

**Technologies Used:** Python, LSTM Model, TextBlob, Matplotlib, Flask, Yahoo Finance, OpenAI API

- Developed an **AI-powered stock advisor** to **predict stock price movements** and provide actionable recommendations (**Buy, Sell, Hold**).
- Built an **LSTM forecasting model** for **high-accuracy predictions** based on **historical stock data**.
- Integrated **sentiment analysis** using **TextBlob** to assess **market trends** from **news and financial reports**.
- Automated **PDF report generation** using **OpenAI API**, summarizing **stock performance trends and future projections**.
- Helped users make **data-driven investment decisions** with **personalized insights**.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner – AWS Academy (Feb 2024)**
- Certified in MERN Stack Development – Ethnus**

## ACHIEVEMENTS

- LeetCode Achievements:** Solved **100+ coding problems**, earning **5 coding badges**.

## POSITIONS OF RESPONSIBILITY

**Lead Member – Software Development Club, VIT Bhopal (Jun 2023 – Jun 2024)**

- Managed an **80-member team**, increasing membership by **30%** through strategic initiatives.
- Organized **5 workshops, 3 hackathons, and 4 guest lectures**, collaborating with other clubs.
- Led **2 hands-on projects, 6 skill workshops, and an Inter-College Hackathon**, boosting **engagement and reputation**.