

VANSH BHATIA

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EDUCATION

Bachelor of Technology (Mathematics & Computing), MIT Manipal — 2023 - 2027
Minor in Aplied Mathematics — CGPA:8.37

EXPERIENCE

Founder's Office Intern — July 2026
Raaj Wealth Sol — *Karnal, India*

- Developing a digital platform for financial education, integrating **insurance, loans, and investment solutions** to enhance customer experience and lead generation.
- Conducted **financial data analysis and market research** to identify customer needs and generate traffic on the platform.
- Designed and executed **digital marketing and content strategies**, increasing brand visibility across LinkedIn, Instagram, and other online channels.
- Tech Stack – Next.js, React.js, TypeScript, Tailwind CSS, Cursor, Prisma Git/GitHub

Co-Founder — May 2026 - current
PlaceMIT — *MIT Manipal, India*

- Developed **Placemit**, a centralized placement guidance platform that helps students access company-specific preparation resources, interview experiences, and career guidance in one place.
- Designed and built a **responsive full-stack website** with secure authentication.
- Integrated **user authentication and database management** to support scalable and secure access for students
- Focused on **UI/UX optimization and performance enhancements** to provide an intuitive and seamless user experience.
- Tech Stack – Replit, Vercel, Supabase Git/GitHub

Research Intern — June 2026
Dr TMA Pai Endowment Chair — *MIT Manipal, India*

- Built automated data pipelines for market data ingestion, feature engineering, and model training.
- Implemented FinBERT-based sentiment analysis on financial news to quantify market sentiment and identify emerging trends.
- Experimented with Graph Neural Networks and ranking models to capture inter-stock relationships and improve stock selection.
- Tech Stack – Python, Pandas, NumPy, PyTorch, Scikit-learn, Machine Learning, Deep Learning, NLP, FinBERT, Git/GitHub

Founder & Operations Lead — Dec 2024 – Feb 2025
EatImports — *Manipal, India*

- Launched and scaled a direct-to-consumer imported snacks business targeting college campus; generated Rs 6K+ revenue in 3 months.
- Managed end-to-end operations: negotiated with vendors, coordinated delivery logistics across cities (Karnal → Manipal, Jodhpur), and oversaw inventory.
- Designed and executed digital marketing campaigns (Instagram ads, WhatsApp funnels) to acquire and retain customers; iterated product mix based on demand patterns.

- Demonstrated ownership and initiative by independently creating promotional materials (catalogs, social media creatives) with rapid experimentation.

PROJECTS

Stock Market Data Analysis & Forecasting, Tech Stack - Python, Pandas, NumPy, skicit-learn, TensorFlow, Matplotlib, Jupyter Notebook

• Collected and cleaned S&P 500 time-series data; performed exploratory data analysis to identify key trends in stock movements.

• Engineered 20+ financial features (moving averages, volatility measures); built and tuned LSTM models with time-series cross validation.

• Achieved 1.3× benchmark performance in risk-adjusted returns; visualized forecasts via interactive dashboards to guide decision making.

CERTIFICATIONS

Google Data Analytics Professional Certificate, JPMorgan Investment Banking Forage Simulation

SKILLS

Technical Skills	Python, Pandas, NumPy, SQL , Excel (advanced), Power BI, Machine Learning (LSTM, Random Forest, Regression, Deep Learning), Data Visualization, Github, Matplotlib, scikit-learn, Linux Terminal, zed.dev, Quant Research, Financial AI Models, Natural Language Processing (NLP), Time Series Forecasting
Analytical & Domain	Exploratory Data Analysis, Statistical Modelling, Time-Series Modeling, Feature Engineering, Predictive Modeling, Data Processing, Hypothesis Testing