

Tvisha Mathur

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EDUCATION

BTech, Computer Science and Engineering minors in Health Informatics
Vellore Institute of Technology, Bhopal

Graduating May 2026
8.23 CGPA

TECHNICAL SKILLS

Programming & Scripting: Python, Core Java, C++, C#(.NET)

Web Development: HTML, CSS, Bootstrap, Django, Flask, Express.js, React.js, Node, Tailwind CSS, Angular.js

Generative AI: LLMs, NLP, Prompt Engineering, RAG basics

Tools & Frameworks: Selenium WebDriver, TestNG, Page Object Model, Git/GitHub, Postman, MS Excel

Python for logistics analytics: Pandas, NumPy, Matplotlib for shipment and lead analytics

EXPERIENCE

Kalyani Rafael Advanced Systems Pvt. Ltd: Software Intern (Onsite)

Oct 2024 – Jan 2025

- Delivered comprehensive features for the Global Client Management Portal utilizing MERN stack, accelerating client onboarding by 20% and amplifying user satisfaction scores by 25% through streamlined workflows.
- Designed responsive React.js UIs with HTML/CSS/JavaScript and integrated REST APIs, raising task completion speed and reducing UI defects.
- Engineered server-side logic for 3 core features, using Python Flask framework, resulting in a 20% improvement in data processing efficiency and streamlined communication between front-end and back-end components.
- Contributed to the planning, code reviews and deployment under mentorship; documented features and assisted in release readiness checks.

Hanook International Logistics Pvt. Ltd: Marketing Intern (Onsite)

Mar 2023 – May 2022

- Developed and executed marketing strategies for sea and air freight services, driving growth in qualified leads for export–import projects.
- Researched and analyzed target overseas markets, identifying new business opportunities and expanding the client base.
- Supported senior consultants in client meetings with market intelligence that helped secure new international partnerships.

PROJECTS

E-Commerce Price Comparison Tool: [\(Project Link\)](#)

2025

- [HTML, CSS, JavaScript, Node, Express, Puppeteer, REST API]
- Built a responsive price-comparison web app (fashion/electronics) with HTML, CSS, and vanilla JavaScript, delivering fast, mobile-first browsing and clear side-by-side comparisons.
- Integrated Puppeteer-driven scraping and REST APIs to aggregate real-time prices from Amazon, Flipkart, and Myntra, leveraging resilient selectors, normalization, and caching for reliability.
- Implemented Chart.js price-history visualizations and configurable deal alerts, enabling data-driven purchases and boosting repeat engagement.

Expense Tracker: [\(Project Link\)](#)

2024

- [HTML, CSS, JavaScript, Node.js, React.js, MongoDB]
- Engineered secure CRUD with JWT auth and server-side validation to safeguard data and sessions.
- Shipped RESTful Node.js/Express APIs with robust errors, input validation, and pagination.
- Built a responsive React.js UI with interactive visuals to reveal spending trends.
- Optimized MongoDB with Mongoose schemas and targeted indexes, cutting query latency.

CERTIFICATIONS

- JavaScript Professional Certification (Infosys SpringBoard)
- Professional Generative AI certification (Oracle)
- Selenium with Python (Great Learning)
- Cybersecurity with Google (Coursera)
- AI in Medicine (Stanford University)