

# ADITYA SHARMA

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## EDUCATION

Vellore Institute of Technology, Vellore

**B.Tech in Computer Science and Engineering**  
(Specialization in Data Science)

Sept 2022 - ongoing  
GPA: 8.38

## WORK EXPERIENCE

**JURIDENT (VALSCO TECHNOLOGY)**

Front-End Developer Intern *Valsco Tech*

Inclubated under VIT-TBI, Vellore

Jun 2025 - ongoing, Full-Time

Developed web applications using React.js and TailwindCSS, contributing to the full software development lifecycle.

- Built responsive client and admin components and pages using React.js and TailwindCSS for an e-commerce site.
- Worked closely with UI/UX and backend teams to deliver clean, scalable front-end features.
- Collaborated with a team of 10 members to make implementable decisions according to the given requirements.

## PROJECTS

**Resolute Website** | [GitHub](#)

10 Jun 2025 - 24 Jun 2025, Full-Stack, Generative AI

**Tech Stack:** MERN, TailwindCSS, Docker, Mistral AI, Puppeteer, Vercel, Render, AWS S3

Built a free, ATS-friendly resume building platform with storage and sharing and deployed on Vercel & Render.

- Developed a component-driven UI with responsive design across key pages; Containerized backend with Docker.
- Integrated resume export with Puppeteer, image uploads via AWS S3, and AI-powered ATS analysis using MistralAI.
- Boosted user engagement by 40%+ with public-sharing features and secured user data with JWT Authentication.

**Credit Card Fraud Detection**

25 Jun 2025 - ongoing, Machine Learning

**Tech Stack:** Python, Scikit-learn, XGBoost

Developed an ML pipeline to detect fraudulent credit card transactions on an imbalanced dataset of 50k+ transactions; and compared accuracy of multiple predictive models.

- Performed EDA in detail to analyze the transactions and applied SMOTE techniques to class imbalance.
- Trained and evaluated multiple models including logistic regression, decision trees & XGBoost to detect fraud.
- Compared the accuracy of predictive models using confusion-matrix visualizations from Seaborn to find best-fit.

**MC On-The-Go**

16 Apr 2025 - ongoing, Full-Stack

**Tech Stack:** MERN, Socket.io, WebRTC, TailwindCSS, Framer Motion, Git, Jira

Developed a full-stack platform for 500+ VIT Music Club members to manage events, bookings, and collaboration.

- Built responsive, multi-device pages; added a slot-booking system with Express.js, reducing access time by 50%.
- Enabled collaboration through custom features like band formation, genre-grouping, and event-calendar integration.
- Integrated secure admin control features to enable proper distribution of services among the members.

## PROFESSIONAL SKILLS

**CS Fundamentals:** DSA, OOP, Computer Networks, OS, CI/CD, Agile Methodologies

**Languages:** Java, Python, C++, R, JavaScript, HTML5, CSS3

**Frameworks & Tools:** React.js, Node.js, Express.js, TailwindCSS, Git, Jupyter Notebook

**Libraries & Platforms:** Scikit-learn, PyTorch, NumPy, Pandas, Matplotlib, Seaborn, Kaggle, GitHub

**Databases & Deployment:** MongoDB, SQLPlus, AWS (S3), Vercel, Render, GitHub Pages

## CERTIFICATIONS

IBM Generative AI with WatsonX *Certificate*

Jun 2025 - Jun 2025

IBM AI Engineering

Jun 2025 - ongoing

Supervised Machine Learning by DeepLearning.AI *Certificate*

Jun 2024 - Jul 2024

## ACHIEVEMENTS

Secretary @ VIT Music Club

Jan 2025 - ongoing,  
Full-Time

Led the VIT Music Club as Secretary, managing 15+ music events, and operations for a 500+ member community.

- Led a team of 13 board members and 25 core team members to plan & conduct music-events and PR Activities.

- Organized the recruitments of 150+ new inductees for 2025 by planning & conducting 4-day mass-auditions