

Tanay Mehto

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Professional Summary

Full-stack Developer and AI Explorer pursuing dual degrees in Computer Science (VIT) and Data Science (IIT Madras). Experienced in building scalable web applications, data-driven solutions, and enterprise software systems.

Education

- Vellore Institute of Technology**, B.Tech in Computer Science and Engineering 2023 – 2027
- Focus: Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Full-stack Development
- Indian Institute of Technology Madras**, BS in Data Science and Applications 2023 – 2028
- Foundation Level Certificate: Programming & Data Science (Sep 2024, ID: 23F2004044)

Experience

- Software Development Intern**, NTPC Limited – Singrauli, India May 2025 – July 2025
- Developed Template Website and Group Manager Website for IT department operations at leading Navratna PSU
 - Gained hands-on experience with SAP/ERP systems, networking infrastructure, database management, and cybersecurity protocols
 - Implemented web development solutions and contributed to digital transformation initiatives

Technical Skills

Frontend: React, Next.js, TypeScript, Tailwind CSS, Material UI, Bootstrap, HTML, CSS

Backend & APIs: Node.js, Express.js, MongoDB, SQLAlchemy, Flask, Python, FastAPI, Jinja, OAuth 2.0, REST APIs

Cloud & DevOps: AWS (EC2, Lambda, S3, RDS, API Gateway, IAM), SAP/ERP, Vercel

AI/ML & Tools: OpenCV, Pandas, NumPy, Machine Learning, Artificial Intelligence, Arduino, Raspberry Pi, Git

Projects

- Resume Analyzer & Job Application Tool** 2025
- Built intelligent resume parsing tool with skill gap analysis, automated job applications, and company-specific cold email generation
 - **Tech Stack:** Next.js, TypeScript, Tailwind CSS, FastAPI, pdfplumber, Gemini API, Adzuna API, Gmail API
- VIT Mess Management System** 2025
- Developed comprehensive web application for mess operations with student registration, meal booking, feedback system, and admin controls
 - **Tech Stack:** React, Next.js, MongoDB, Node.js, Express.js, Tailwind CSS
- SyncLiked - Spotify Playlist Manager** 2025
- Built web extension enabling users to convert liked songs into organized playlists with OAuth 2.0 authentication and batch processing for 100+ songs
 - **Tech Stack:** React, Tailwind CSS, Spotify Web API, OAuth 2.0, Vercel

Certifications

- AWS Certified Cloud Practitioner-C02**, Amazon Web Services June 2025 – June 2028
- Credential ID: 7a4dbca6b68a4bf884711d911a909bca
- Google UX Design Professional Certificate**, Google July 2024
- Credential ID: W9FRW5Z8UDX6 | Comprehensive UX design process and Figma proficiency