

Aditya Raj Srivastava

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EDUCATION

Vellore Institute of Technology

B.Tech, Department of Computer Science and Engineering

September 2022 – Ongoing

CGPA: 8.36

Delhi Public School, Kalyanpur, Kanpur (CBSE)

Class XII Central Board of Secondary Education

Class X Central Board of Secondary Education

March 2020 – June 2022

Percentage: 89.2%

Percentage: 88.4%

PROJECTS

CareerQuill [GitHub] [Demo]

Resume Generation & ATS Scoring Platform

August 2025 - September 2025

- Developed a web platform enabling users to create resumes from 6 customizable templates via a guided form, with export options in PDF and DOCX formats while preserving layout fidelity.
- Implemented a resume evaluation module that produces a job-description match score and recommends keyword improvements for stronger targeting.
- Built authentication and a personal dashboard with Node.js, Express, MongoDB, and JWT, allowing each user to securely store and manage up to 5 resume versions.
- Integrated React.js/Tailwind CSS frontend with a Python microservice via REST API to process ATS scoring requests within 5–7 seconds.
- Configured the document generation pipeline to reliably produce consistent and well-formatted PDF and DOCX outputs during development and testing.

Tech Stack: React.js, Tailwind CSS, Node.js, Express, MongoDB, JWT, REST APIs, Python, FastAPI, spaCy, scikit-learn

FlowMind-AI [GitHub] [Demo]

No-Code Platform for Visual Workflow Design and Execution

September 2025 – October 2025

- Designed an interactive workflow builder UI using React.js and React Flow, enabling users to visually compose and configure pipelines through drag-and-drop components.
- Constructed a document search pipeline with PyMuPDF, SentenceTransformers, and a vector database, validating result relevance through 30+ manual query tests.
- Implemented an API-driven response system with Google Gemini API, enabling fallback searches via SerpAPI and handling sequential user queries within a single session.
- Built FastAPI backend for orchestration, validation, and storage, and implemented user authentication with Node.js, Express.js, MongoDB, and JWT.
- Added tiered access control logic restricting free users to three workflows, with backend validation to enforce usage limits and support controlled feature expansion.

Tech Stack: React.js, React Flow, Node.js, Express.js, FastAPI, MongoDB, JWT, SentenceTransformers (all-MiniLM-L6-v2), SerpAPI, PyMuPDF, REST APIs, Google Gemini API

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, FastAPI

Databases: MySQL, MongoDB

Web Technologies: RESTful APIs, JWT Authentication, Responsive Design

Tools: Git, GitHub, Postman, VS Code, MongoDB Atlas, Render, Vercel

CS Core: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Networking

ACHIEVEMENTS

- Placed among the top 15% performers out of 10,805 students on the GeeksforGeeks Coding Portal at VIT University.
- Curated a synthetic dataset of 1,100 job descriptions across 55 roles; trending #1 on Kaggle NLP category with 11K+ views and 2K+ downloads ([Kaggle Link](#)).

CERTIFICATIONS

- Postman API Fundamentals Student Expert