

Aditya Raj Srivastava

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EDUCATION

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| Vellore Institute of Technology <i>B.Tech, Department of Computer Science and Engineering</i> | September 2022 – Ongoing CGPA: 8.36 |
| Delhi Public School, Kalyanpur, Kanpur (CBSE) <i>Class XII Central Board of Secondary Education</i> <i>Class X Central Board of Secondary Education</i> | March 2020 – June 2022 Percentage: 89.2% Percentage: 88.4% |

PROJECTS

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| CareerQuill [GitHub] <i>Resume Generation & ATS Scoring Platform</i> | August 2025 - September 2025 |
| <ul style="list-style-type: none">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 an NLP-based ATS scoring feature using Python, spaCy, and scikit-learn to compare resumes against job descriptions and suggest relevant keywords.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 under normal usage.Configured the document generation system with pdf-lib and docx, tested for consistent resume production during development. | |

Tech Stack: React.js, Tailwind CSS, Node.js, Express, MongoDB, JWT, Python, FastAPI, spaCy, scikit-learn, pdf-lib, JSON

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| FlowMind-AI [GitHub] [Demo] <i>No-Code Platform for Visual Design and Execution of AI Workflows</i> | September 2025 – October 2025 |
| <ul style="list-style-type: none">Created a visual builder that lets users compose and run AI pipelines through drag-and-drop modules for input handling, document retrieval, and automated response generation.Processed documents with PyMuPDF and enabled semantic search using Gemini Embeddings and ChromaDB, achieving 90%+ retrieval accuracy across 8–10 files per workflow.Integrated Gemini LLM to generate responses using the selected AI model, with optional SerpAPI calls when queries fall outside the uploaded documents, supporting up to 5 follow-up chat interactions per session.Built FastAPI backend for orchestration, validation, and storage, and implemented user authentication with Node.js, Express, MongoDB, and JWT.Added tiered access restricting free users to 3 workflows, enabling scalable premium upgrades. | |

Tech Stack: React.js, React Flow, Node.js, Express, FastAPI, PostgreSQL, MongoDB, ChromaDB, Gemini LLM, Gemini Embeddings, SerpAPI, PyMuPDF, JWT, Docker

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, TypeScript

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

Databases: MySQL, MongoDB, PostgreSQL

Web Technologies: RESTful APIs, JWT Authentication, JSON, Multi-Browser Support, Responsive Design

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

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

ACHIEVEMENTS

- Curated a synthetic dataset of **1,100** job descriptions across 55 roles; trending **#1** in the Kaggle NLP category with **10K+ views** and **2K+ downloads**. Structured and annotated the data to support downstream NLP tasks including semantic similarity and ATS-style scoring. ([Kaggle Link](#)).

CERTIFICATIONS

- Bits and Bytes of Computer Networking
- Postman API Fundamentals Student Expert