

Aditya Raj Srivastava

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EDUCATION

Vellore Institute of Technology Bhopal University, Bhopal
B.Tech, Department of Computer Science and Engineering

September 2022 – Ongoing
CGPA: 8.35

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](#)]

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 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

No-Code AI Workflow Builder [[GitHub](#)]

Visual Platform for Intelligent Workflow Creation

September 2025 - October 2025

- Built a no-code platform that allows users to visually create AI workflows by connecting modular components for queries, knowledge retrieval, and response generation.
- Added document processing with PyMuPDF and semantic search via Gemini Embeddings and ChromaDB, tested on 7 sample documents per workflow.
- Integrated Gemini LLM and SerpAPI to provide context-aware responses in a chat interface, handling up to 3 follow-up queries per session.
- Built backend services in FastAPI for workflow validation, orchestration, execution, and storage, with PostgreSQL storing data for 5–10 workflows per user.
- Implemented a freemium model limiting users to 3 workflows, enabling potential premium feature rollout.

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

TECHNICAL SKILLS

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

Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Tailwind CSS, Axios, Zustand, ShadCN

Databases: MySQL, MongoDB

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

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

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

ACHIEVEMENTS

- Ranked in the **Top 17%** (1703 / 10,000+) at VIT University on GeeksforGeeks Coding Portal.
- Curated a synthetic dataset of **1,100** job descriptions across 55 roles; trending **#1** on Kaggle NLP category, with **9K+** views, **1,700+** downloads ([Kaggle Link](#)).

CERTIFICATIONS

- Bits and Bytes of Computer Networking, Coursera (Google)
- Postman API Fundamentals Student Expert