

Madhur Kaushik

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SUMMARY

Aspiring AI & Software Engineer with a strong foundation in DSA, focused on building scalable AI and NLP solutions. Passionate about problem solving, system optimization, and full-stack development, with a keen interest in advancing AI applications.

EDUCATION

Jaypee Institute of Information Technology

Bachelor of Technology in Computer Science and Engineering

2023 – present

Noida, Uttar Pradesh

Godwin Public School

Class XII, CBSE

2022

Meerut, Uttar Pradesh

WORK EXPERIENCE

Data Science Intern

LG Electronics India Pvt. Ltd., KK Towers, Noida, Sec 16B — Apr 2025 – Present

- Working on data scraping pipelines using Python (BeautifulSoup, Selenium) for real-time competitor and market data.
- Contributing to AI/ML-based product recommendation systems for LG Smart appliances.
- Implementing NLP models for customer sentiment analysis using Hugging Face Transformers.
- Developing RESTful APIs and interactive dashboards (Streamlit) for internal data consumption.

PROJECTS

Resu.AI (*Python, NLP, BERT, Flask, MongoDB, FastAPI, OpenAI API*)

Jan 2025

- Built an AI-driven system for resume screening and interview evaluation using BERT for parsing and Whisper for speech analysis.
- Integrated NER, section segmentation, and contextual skill extraction for accurate resume parsing.
- Developed a Flask-based UI with dynamic weighting, bias detection, and real-time feedback to improve hiring decisions.

Startup Network Finder (*Node.js, Express, React.js, MongoDB, OpenAI API*)

Nov 2024

- Developed a platform to connect users with investors, mentors, and experts across domains like AI and Blockchain.
- Integrated OpenAI API to provide intelligent search and processing of queries against a database of over 1000 records.
- Designed a credit-based system and automated email alerts for usage limits.

SKILLS

Programming Languages	C/C++, Python, Java, JavaScript, HTML/CSS, SQL, Bash
Frameworks & Libraries	Node.js, React, OpenAI API, Express.js
Databases	MySQL, MongoDB
Tools & Platforms	Git/GitHub