

VIKRAM SHRIVASTAV

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PROFILE SUMMARY

Full Stack and Applied AI (GenAI) Developer with a strong foundation in Next.js, MERN Stack, LangChain, and LangGraph. Skilled in building production-grade Agentic AI applications to automate and enhance systems. Interested in collaborating to build impactful, real-world products.

EDUCATION

JD College of Engineering and Management

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.02)

Nagpur, Maharashtra

Nov 2022 – May 2026

TECHNICAL SKILLS

Languages: JavaScript, C++, Python

Frameworks: Next.js, React.js, Node.js, Express.js, LangChain, LangGraph, Mem0

Databases: MongoDB, Redis, PostgreSQL, Qdrant-DB

Developer Tools: Docker, GitHub, Postman

PROJECTS

DocsAgent - AI Collaborative Platform

Live Demo

Tech Stack: Next.js, LangGraph, MongoDB, Cloudinary, OpenAI LLM

- Built an AI collaborative space with an **advanced RAG pipeline** using Gemini for embeddings, OpenAI for chat generation, **Qdrant-DB** for vector storage, and **Mem0** for conversational memory.
- Implemented a **multi-step RAG workflow** (query optimization, multi-query generation, document retrieval and selection) with JWT-based auth, team creation/joining, and chat history storage.
- Enabled team-based, **context-aware chatbot interactions over shared documents**, improving answer relevance, collaboration, and long-term conversation continuity.

Resume Ranker – AI Resume Analysis Platform

Live Demo

Tech Stack: Next.js, Express.js, MongoDB, LangGraph, Cloudinary, Docker

- Built an AI-powered resume analyzer and tailoring engine using **LangGraph** with **few-shot prompting** for ATS scoring.
- Deployed **dockerized AI** services on **AWS EC2** and implemented PDF blob handling, pagination, and dynamic auth on the frontend.
- Reduced resume tailoring time to **5 seconds** and delivered smart ATS scores with an **analytical** user dashboard.
- Implemented **Rate Limiting** on the API and used cloud storage which increase the server efficiency up to **60%**

NexusCreate – AI Toolkit for Creators

Live Demo

Tech Stack: Next.js, Express.js, FastAPI, Docker, Whisper, Cloudinary AI, QStash

- Built an AI toolkit for creators with tools for video compression, caption generation using Whisper (locally running), bulk image resize, and social post generation using **rule-based LLM prompting**.
- Designed a queue-based backend with **consumer-worker architecture** connecting main server and Python AI services using **QStash**, and integrated cloud storage.
- Reduced file-handling server load by **60%**, compressed videos by **70–80%** with quality retention, and generated downloadable captions within minutes.

ACHIEVEMENTS

- Achieved a LeetCode rating of 1442 with a global rank of 550,948.
- Participated in 5 hackathons and placed in top-3 in 2 of them.

CERTIFICATIONS

- Transformers and Large Language Models (Azure ML) — **Microsoft**
- Node.js Essentials — **LinkedIn Learning**