

Nehul Jain

Delhi, India | work.nehul@gmail.com | +91-9340995711

nehul.vercel.app | linkedin.com/in/whonehuljain | github.com/whonehuljain

Summary

Versatile software engineer with expertise in **backend development, machine learning, data science**, & scalable **cloud-based applications**. Proficient in **Python, backend frameworks** and **cloud technologies (AWS, GCP)**. Demonstrated success in building efficient **data pipelines**, developing **REST APIs**, and creating impactful **software solutions**. Recognized for **technical innovation, problem-solving**, & **collaboration** in high-pressure environments such as **hackathons & industry projects**.

Education

Noida Institute of Engineering and Technology

Bachelor of Technology - Computer Science, Minor degree: Cloud Computing

Work Experience

- **AI Engineer Intern**, Upsurge Labs - Bengaluru, Karnataka, India Aug 2024 – Nov 2024
(Remote Internship)
 - Took **Cosmo (cosmoflow.ai)** from **development to production** (internal beta), focusing on **autonomous web navigations & image elements detection** using multiple open-source models.
 - Built **data pipelines & LLM workflows** & deployed them seamlessly with Cosmo's **user interface**.
 - Developed **REST API integration & database microservice blocks** for **LemmeBuild (lemmebuild.com)**, a low-code PaaS platform.

Projects

- **F1analyze (Python, Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook)** (Link)→
 - Built a **predictive model** for Formula 1 driver positions using regression techniques, optimizing for minimal RMSE.
 - Conducted extensive **EDA, feature engineering**, & **model building** on race data, ranking 23rd among 76 participants and outperforming 95% of 188 submissions in a **Kaggle datathon**.
- **Babelfish.db (Python, SQL, MongoDB, NLP, Langchain, Groq, Streamlit, Django)** (Link)→
 - Developed a **natural language interface** that allows users to interact with databases through conversational queries.
 - Implemented **schema inference & query automation** algorithms that streamline complex query creation processes.
- **Medimate (Python, Django, JavaScript, Numpy, Pandas, Scikit-learn, SERP api, WebRTC)** (Link)→
 - Implemented **ML-based disease prediction & medicine availability features**.
 - Developed a **AI health assistant chatbot** capable of interacting in vernacular languages.

Awards & Achievements

- **First Prize Winner** (*Jugaad Hacks Hackathon - February 2024*) - **Led my team to victory** by building an AI-powered spoken language tool for immersive language learning and practicing and winning 1st prize .
- **Runner Up** (*Data-Vizard Hackathon - March 2024*) - Awarded 2nd place among 40+ teams in Data-Vizard Competition at Synergy'24 in Delhi School of Economics for exemplary teamwork and **data-driven insights in data analytics and visualization**.
- **Top 5 Percentile of 100,000+ participants** (*Adobe GenSolve Hackathon - August 2024*) - Recognized for exceptional innovation and problem-solving skills, **clearing round one of the Adobe GenSolve Hackathon**.

Skills

- **Languages:** Python, Java, SQL, JavaScript, Dart, C#
- **Cloud & DevOps:** AWS, GCP, Docker, Kubernetes, CI/CD, GitHub Actions
- **Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, Seaborn, Keras, OpenCV, LangChain, Django, FastAPI, Flask, Flutter, React, Node.js, Express