

Divyanshu Saini

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Education

Indian Institute of Technology, *B.S in Data Science and Application*

CGPA: 7.32

Madras, TN

Sep 2022 – Dec 2026

G L Bajaj Institute of Technology, *B.Tech in CSE(AIML)*

CGPA: 7.51

Greater Noida, UP

Sep 2021 – Jul 2025

Skills

Languages: Python, Java, C, JavaScript, SQL, PostgreSQL

Libraries/Frameworks: Django, FastAPI, React, Next.js, NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch

Tools / Platforms: Git, Docker, GCP, AWS

Concepts: GenAI, ADK, LLMs, REST APIs, DBMS, OOPS, Data Structures & Algorithms

Experience

Capri Global Capital Limited – *Full Stack Developer Intern*

Feb 2026

- Worked on a Loan Management System (LMS), a core fintech platform used for managing loan processing and business operations.
- Collaborated with the development team to integrate frontend and backend services, debug issues, and optimize application performance.

Projects

ExamIntel- Full Stack AI Platform | [Link](#) *Django, Next.js, PostgreSQL, LLM, Redis, Celery, Langgraph, Flower, Docker*

- Built an **AI-powered exam preparation platform** using Django, Next.js, and Gemini API that automatically extracts questions from PDFs and generates AI explanations for users.
- Designed a scalable REST API system with authentication, category-based exam flow, leaderboard, and real-time result analytics, improving user engagement and navigation experience.

WhatsApp Chat Analyser | [Link](#)

Python, Pandas, NLTK, Streamlit, Regex

- Developed a data visualization tool to analyze exported WhatsApp chats, providing insights on user activity, message trends, and emoji frequency.
- Implemented complex Regex patterns to parse unstructured chat logs and utilized Pandas for efficient data manipulation, allowing users to visualize communication patterns instantly.

LLM Agent | [Link](#)

JavaScript, HTML/CSS, GenAI APIs

- Created a browser-based agent capable of combining natural language reasoning with external tools like search engines and APIs.
- Designed a dynamic execution loop where the LLM can trigger JavaScript functions to solve multi-step tasks.
- Demonstrated advanced prompt engineering and tool-use capabilities in a minimal web interface.

Certification

- **Advanced Certificate in Machine Learning and Data Science**, IIT Madras [Link](#)
- **Deep Learning Using PyTorch**, IIT Madras [Link](#)
- **Advanced certificate in Programming**, IIT Madras [Link](#)
- **Supervised Machine Learning: Regression and Classification**, Coursera [Link](#)