

# ASHISH GUPTA

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## EDUCATION

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### JSS Academy of Technical Education Noida

BTech-Computer Science and Engineering

Oct 2021 - Present

Noida, IN

## TECHNICAL SKILLS

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**Languages** C, C++, Python, JavaScript, HTML, CSS, SQL

**Frameworks** Django, FastAPI, Langchain, NodeJS, ExpressJS, ReactJS, Redux Toolkit,

**Databases** MySQL, PostgreSQL, MongoDB, ChromaDB, Faiss

**Tools and Other** Gen-AI, LLM, RAG, Docker, OpenAI, Gemini, Git, GitHub, Postman,

**Python Libraries** NumPy, Pandas, Scikit-Learn, Machine Learning Algorithms, NLP

## EXPERIENCE

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### Gen-AI Developer Intern

HiDevs-Community

Aug 2024 - Present

Remote - Noida, IN

- Developed Generative AI technology to extract insights and improving the decision making process.
- Engineered and optimized AI models using technologies like LangChain, Retrieval-Augmented Generation (RAG).
- Conducted LLM model testing and evaluation using the DeepEval framework to improve model performance.

### Python Developer Intern

CodeSoft

June 2024 - July 2024

Remote - Noida, IN

- Implemented Machine Learning models and NLP techniques to develop AI solutions, including QuizGen-AI, Chatbots, and Price Prediction systems, Spam checker NLP model.
- Created APIs using FastAPI to facilitate seamless integration of AI models in various applications

## PROJECTS

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### QueryBot ([Github](#))

Python, Gen-AI, Langchain, MySQL, RAG, Gemini, Faiss, Embeddings Streamlit, Jupyter

- A Gen-AI Bot that converts user queries into SQL and retrieves answers from the MySQL database.
- Used retrieval augmented generation (RAG) for improving the accuracy, relevance, and timeliness of the LLM.

### QuizGen-AI ([Github](#))

Python, Gen-AI, LLM, Langchain, Gemini, Streamlit, Jupyter

- QuizGen AI automates quiz question generation from PDFs using AI, leveraging Python, Langchain and Gemini.
- It also generates JSON data, which you can seamlessly use to create interactive quizzes directly on your website.

### PostrezMall ([Github](#))

Django, SQL, RestAPIs, ReactJS, JavaScript, Redux Toolkit, TailwindCSS

- A Full Stack website for selling the Ecommerce products. Enabled Django admin pannel.
- Creating APIs for product creation, categories, authentications, JWT, top-picks of products.

### ConnectMe ([Github](#))

NodeJS, ExpressJS, MongoDB, ReactJS, JavaScript, Redux Toolkit, TailwindCSS

- Creating APIs for Post creation, connection request, update profile, like other's posts, profile viewing.

## ACHIEVEMENTS

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- Maximum Rated **1635**, **ashishcoder21** (3 star) at [CodeChef](#)
- Maximum Rated **1466**, **ashishcoder21** at [LeetCode](#)
- Maximum Rated **1128**, **ashishcoder21** (Pupil) at [Codeforces](#)
- Solved more than **800+** coding problems from Leetcode, Codechef, Codeforces, CSES Problems Set.
- Global rank **53** in CodeChef contest. Participated in major tech hackathons developing innovative solutions.