

Akshith Mehta

Delhi amehta.space akshith.mehta.work@gmail.com +91 9548783003 github.com/BriskAM linkedin.com/in/akshith-mehta2005

Education

Maharaja Agrasen Institute of Technology (MAIT)

Guru Gobind Singh Indraprastha University (GGSIPU)
Bachelor of Technology in Information Technology, CGPA 9.33

Delhi

Expected 2027

Indian Institute of Technology Madras

BS in Data Science and Applications, Diploma Level, CGPA 9.05

Chennai

Expected 2027

Guru Tegh Bahadur Public School

Class 12th: 97%, Class 10th: 97%

Meerut

2023

Work Experience

OTET Infosystems

Backend Developer Intern

Remote

June – July 2025

- o Led migration of production backend from **Laravel to Django**, reducing technical debt by **40%**.
- o Built **RESTful APIs** with **Django REST Framework**, integrating with frontend and third-party services.
- o Optimized database queries and ORM patterns, improving API response times by **30%**.
- o Worked across authentication, database models, and service-layer logic while maintaining API compatibility during migration.

Projects

TDS Quiz Solver

FastAPI, LangGraph, Playwright, Gemini API, Groq API, Docker

tds.amehta.space

github.com/23f3001694/llm-tools

- o Built an automated **LLM-powered quiz-solving agent** using **LangGraph** with multi-model support (Gemini, Groq, OpenRouter) and automatic failover.
- o Implemented **sandboxed Python execution** with resource limits, isolated workspaces, and structured JSON logging for debugging.
- o Designed **FastAPI** endpoints for quiz solving, task status tracking, and health checks, deployed on **Hugging Face Spaces** with Docker.
- o Added **Playwright** browser automation to handle dynamic quiz pages and extract structured inputs for downstream LLM workflows.

Clip Rewrite

FastAPI, Jinja2, Pygments, SQLAlchemy, Docker

clip.amehta.space

github.com/BriskAM/clip-rewrite

- o Developed a temporary clipboard sharing service using **FastAPI**, **SQLAlchemy ORM**, and Jinja2 with a responsive dark-themed UI.
- o Integrated **Pygments** syntax highlighting for 13+ languages, clipboard support, automatic language detection, and configurable expiration.
- o Implemented **multi-file upload** with automatic organization, ZIP compression, time-based expiration, and cleanup mechanisms.
- o Added shareable paste routes, file previews, and cleanup workflows to support short-lived text and file exchange.

Technical Skills

Languages: Python, Java, SQL, Bash, JavaScript, HTML/CSS

Backend & Data: FastAPI, Flask, Django REST Framework, SQLAlchemy, Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, BeautifulSoup, Pytest

Tools & Platforms: Linux, Git, GitHub Actions, Docker, Postman, Jupyter, Kaggle, macOS, REST APIs, Hugging Face Spaces

Databases & Coursework: MySQL, SQLite, MariaDB, MongoDB; OOP, DBMS, DSA, Machine Learning Foundations, System Commands, Modern App Development

Certifications & Achievements

- o **Diploma in Programming** – IIT Madras BS Degree Programme; covered Python, Java, DSA, databases, and software development tools.
- o **Python Developer** – JetBrains Academy; completed 265 topics and built 10 projects across OOP, file I/O, and Flask.
- o **SQL for Data Analysis** – JetBrains Academy; practiced joins, aggregation, subqueries, and analysis-oriented querying.
- o **Open Source:** 90+ GitHub stars across public repos; contributed to Hacktoberfest repositories.
- o **ML Competitions:** Top-5 finish in Movie Review Sentiment Classification; top 6–7% finishes in plant super-resolution, hotel cancellation prediction, and comment category prediction challenges.
- o Reached the final round of Python Coding Challenge 3.0 at IIT Madras Paradox'24.
- o Secured 2nd place in the McKinley Rice (Redrob) Korean Company Hackathon at MAIT, winning a cash prize of INR 20,000.
- o **DevOps Head** – Google Developers Group MAIT; **Member** – IOSD MAIT.