

# Akshith Mehta

Delhi [amehta.space](https://amehta.space) [akshith.mehta.work@gmail.com](mailto:akshith.mehta.work@gmail.com) +91 9548783003 [github.com/BriskAM](https://github.com/BriskAM) [linkedin.com/in/akshith-mehta2005](https://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

- Assisted backend migration work from **Laravel to Django** by reviewing existing routes, models, and API behavior.
- Built and updated **REST API** endpoints with **Django REST Framework** for frontend integration.
- Worked on database models, serializers, and query updates while maintaining compatibility with existing workflows.
- Debugged backend issues across authentication, service-layer logic, and API responses.

## Projects

### TDS Quiz Solver

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

[tds.amehta.space](https://tds.amehta.space)

[github.com/23f3001694/llm-tools](https://github.com/23f3001694/llm-tools)

- Built an automated **LLM-powered quiz-solving agent** using **LangGraph** with multi-model support (Gemini, Groq, OpenRouter) and automatic failover.
- Implemented **sandboxed Python execution** with resource limits, isolated workspaces, and structured JSON logging for debugging.
- Designed **FastAPI** endpoints for quiz solving, task status tracking, and health checks, deployed on **Hugging Face Spaces** with Docker.
- 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](https://clip.amehta.space)

[github.com/BriskAM/clip-rewrite](https://github.com/BriskAM/clip-rewrite)

- Developed a temporary clipboard sharing service using **FastAPI**, **SQLAlchemy ORM**, and Jinja2 with a responsive dark-themed UI.
- Integrated **Pygments** syntax highlighting for 13+ languages, clipboard support, automatic language detection, and configurable expiration.
- Implemented **multi-file upload** with automatic organization, ZIP compression, time-based expiration, and cleanup mechanisms.
- 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

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