

Mayank Kumar

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Career Objective

Motivated BS Data Science student at IIT Madras with strong foundations in programming, backend development, and machine learning. Seeking opportunities to apply technical skills in real-world projects, build scalable systems, and contribute to data-driven solutions.

Education

BS in Data Science, Indian Institute of Technology Madras (Expected 2027)

Technical Skills

Programming: Java, Python, DSA
Web Development: Flask, FastAPI, VueJS, HTML/CSS, Bootstrap, Jinja2
Databases: SQLite, SQL
Tools: GitHub, Hackerrank
Machine Learning: Basics of ML, LLM Integration
Other: REST APIs, GitHub Pages Automation, Async Systems

Projects

LLM GitHub Pages Deployment System

Automated system using FastAPI, Google Gemini LLM, and GitHub API to generate, deploy, and update projects. Features: async tasks, repo auto-creation, Pages activation, retries, attachment decoding.

GitHub: github.com/Mayankkumar0509/TDS_Project1

Quiz Master V1 – Full Stack Quiz App

Interactive quiz system with Flask backend and responsive UI.

GitHub: github.com/Mayankkumar0509/MAD-I-Quiz-Master---V1

Quiz Master V2 – Improved Version

Enhanced UI, backend, and logic.

GitHub: github.com/Mayankkumar0509/MAD-2-Quiz-Master---V2

Business Data Management Project

Worked with small shops to analyze operations and provide data-driven strategies.

Certifications

- HackerRank Certificate: hackerrank.com/certificates/af4e73fd1677

Achievements & Activities

- Capital One Launchpad 2025 Hackathon
- India Connected: APIs for a Billion Lives Hackathon

Languages

English, Hindi

Interests

Chess (active player)