UDAY CHAUHAN

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- LINKEDIN

ABOUT ME

Curious and driven Computer Engineering student with strong experience in Python backend development, Django, and scalable web applications. Skilled in designing APIs, databases, real-time systems, and foundational ML/EDA techniques. Passionate about building efficient backend systems and eager to grow into Software MLOps and applied ML engineering.

EDUCATION

LOK JAGRUTI UNIVERSITY – INSTITUTE OF ENGINEERING & TECHNOLOGY   2023 – Present

B.E. in Computer Engineering (Expected 2027)

SHETH R T HIGHER EDUCATION SCHOOL   2022-2023

GSHEB Board , 93.42 PERCENTILE

SMT VIMALABEN MAHETA HIGH SCHOOL   2020-2021

GSHEB Board , 96.47 PERCENTILE

SKILL

PROGRAMMING :PYTHON, JAVA, JAVASCRIPT, SQL

FRAMEWORKS:DJANGO, FASTAPI, FLASK, REACT, NODE.JS, EXPRESS

DATABASES:MONGODB, POSTGRESQL, MYSQL, SQLITE

TOOLS:GIT/GITHUB, POSTMAN, DOCKER (BASIC)

ML/DS (BASICS):PANDAS, NUMPY, SCIKIT-LEARN, MATPLOTLIB

PROJECTS

News Website   [LIVE DEMO]

Developed a full-stack MERN news platform designed for high user engagement and growth. Integrated secure authentication, real-time analytics, and personalized activity tracking to enhance user experience.

- Built interactive article management with likes, bookmarks, and history tracking.
- Implemented gamification through badges and reading streaks to drive retention and consistency.

Job Portal with AI Resume Matching   [GITHUB REPO]

Built a MERN job portal that calls a Python/Django service to parse PDF resumes and score job-fit using the Groq LLM. Node backend integrates the Django REST API

- Implemented the Django API (DRF, pdfplumber, Groq) with structured outputs and .env-managed secrets.
- Exposed endpoints for job data extraction & AI matching; integrated with Express/Mongo workflows

CodeCompiler   [GITHUB REPO]

Built a Django app that runs Python/C/C++/Java securely with a Monaco editor and problem management. Supports either a Dockerized FastAPI executor or Judge0 (RapidAPI) for sandboxed execution.

- Containerized a FastAPI code-runner for isolated execution; unit-tested executors and used env-based config
- Django backend with auth & submissions; SQLite in dev, optional MongoDB for analytics; Cloudinary for media.

CERTIFICATES

- **Exploratory Data Analysis for Machine Learning -** Coursera(Offered by IBM)
  Issued:June 2025 | View Certificate

- **Introduction to HTML, CSS, & JavaScript -** Coursera(Offered by IBM)
  Issued:Dec 2024 | View Certificate

- **Inheritance and Data Structures in Java -** Coursera(Offered by University Of Pennsylvania)
  Issued:May 2024 | View Certificate

- **Introduction to Java -** Coursera(Offered by LearnQuest)
  Issued:Jan 2024 | View Certificate