

# Saajidvali Dudekula

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github.com/SaajidDudekula

## SUMMARY

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Computer Science graduate with hands-on experience building backend web applications using Python and Flask. Developed RESTful APIs, relational database schemas in MySQL, and JWT-based authentication across multiple backend projects. Seeking Python Developer / Backend Developer roles.

## EDUCATION

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**B.E. Computer Science Engineering** — MVSR Engineering College, Osmania University, Hyderabad  
2022 – 2025

## TECHNICAL SKILLS

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**Languages:** Python, SQL, HTML5, CSS3

**Frameworks:** Flask

**Databases:** MySQL, MongoDB

**API Development:** REST APIs, JWT Authentication, JSON, HTTP methods

**Tools:** Git, GitHub, VS Code

**Concepts:** OOP, SDLC, CRUD operations, Exception Handling, File I/O

**Python Fundamentals:** Data Structures, Algorithms, List Comprehensions, Lambda Functions, Modules, pip, venv

## PROJECTS

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**Smart Habit Tracker** | *Flask, MySQL, REST API*

- Developed the backend for a habit-tracking web application using Flask
- Designed 10+ REST API endpoints supporting authentication and CRUD operations
- Modeled a normalized MySQL schema with multi-table JOIN queries for reporting
- Implemented JWT-based authentication to secure API endpoints and user sessions

**Expense Tracker CLI** | *Python, File I/O*

- Built a command-line expense tracker supporting add, view, categorize, and delete operations
- Implemented persistent storage using CSV file I/O with structured read/write functions
- Applied exception handling for input validation on all user-entered data
- Organized the codebase into separate modules for data access, business logic, and display functions

## CERTIFICATIONS

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- Python Programming — LearnTube
- HTML & Web Development Assessment — LearnTube