

# SAI PAVAN KUMAR KISTAMSETTY

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## PROFESSIONAL SUMMARY

Python Backend Developer with hands-on experience in building web applications using Python, Flask, SQL, HTML, and CSS. Skilled in authentication systems, session management, CRUD operations, and database integration. Strong foundation in OOPS, REST basics, and SQL query optimization. Proficient in AI-assisted development, prompt engineering, debugging, and workflow automation. Seeking an entry-level Python / Backend Developer role in a growth-oriented organization.

## TECHNICAL SKILLS

**Backend:** Python (Core, OOPS, Exception Handling), Flask (Routing, Templates, Sessions, CRUD), REST Basics

**Database:** MySQL, SQLite, SQL (Joins, Subqueries, GROUP BY, Aggregates)

**Frontend:** HTML5, CSS3, Responsive UI Basics

**Tools:** Git, GitHub, VS Code, PyCharm, MS Excel

**AI Productivity:** AI-assisted coding, Prompt Engineering, Debugging Automation

## PROJECTS

### SmartSchool Management System – Python, Flask, SQL, HTML, CSS

- Developed role-based authentication system with session handling
- Built dynamic student dashboard using unique ID-based data retrieval
- Implemented CRUD operations and managed 100+ structured records

### Village Grocery & Event Supply Application – Python, Flask, HTML, CSS

- Designed scalable backend structure for rural-focused digital solution
- Implemented product categorization and dashboard interface logic

### Employee Attendance Management System

- Automated attendance tracking and generated Excel-based reports

### Student Result Analyzer

- Processed academic data, calculated averages, and generated performance reports

### ATM Simulation System

- Implemented authentication, deposit/withdrawal logic, and transaction history management

## EDUCATION

B.Tech – Electrical Engineering, JNTU (CGPA: 6.89)

Diploma – Electrical Engineering, SBTET (68%)