

Devraj Singh Chouhan

Contact Details

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Professional Summary

Devraj Singh Chouhan is an AI/ML and Backend Developer with strong technical skills in Python, SQL, FastAPI, Flask, automation systems, and intelligent backend development. He learns fast, works independently with minimal guidance, and consistently delivers accurate work within deadlines. Devraj is disciplined, detail-oriented, and excels in building efficient automation tools, AI systems, and structured backend logic.

Core Strengths

- Works fast and accurately
- Needs very minimal guidance
- Strong analytical & problem-solving ability
- Quickly learns new technologies
- Highly disciplined & consistent
- Finishes tasks on time
- Clean and structured coding style

Technical Skills

Python, SQL, MySQL, FastAPI, Flask, LangChain, Pandas, NumPy, Matplotlib, Seaborn,

Machine Learning, OOP, Git, VSCode, Excel Automation, API Development, Backend Pipelines.

Education

B.Tech (Computer Science & Engineering - Data Science)

Lakshmi Narain College of Technology (LNCT), Bhopal

CGPA: 8.10 (2021–2025)

12th — Kendriya Vidyalaya Raisen

Percentage: 87.2%

Certifications

- Python Programming — Udemy

- Python Essentials — Cisco

Internship Experience — Visko Group (3 Months)

Role: AI/ML & Backend Developer

Work Completed

1. Excel Automation Platform

- Built automated Excel-report generation systems
- Designed JSON → Excel template engines
- Eliminated repetitive manual work

2. AI Avatar System

- Implemented lip-sync pipelines

- Worked on 3D avatar automation
- Integrated TTS + avatar rendering

3. Email Automation System

- Automated email generation and sending
- JSON-based dynamic content engine

4. Backend Development

- Developed APIs using FastAPI / Flask
- Built structured backend modules
- Added data processing pipelines
- Implemented error handling & logging

5. AI & Data Projects

- Integrated ML models in backend
- Performed data cleaning and transformation
- Created inference workflows

Major Projects

1. AI-Powered SQL Query Writer

- MySQL + LangChain powered system
- Converts natural language → optimized SQL
- Instant analytics insights

2. Voice AI Interview System

- RAG-based conversational interviews
- Groq + FastAPI + TTS + Lip-sync
- Real-time AI-driven interaction

3. Email Automation System

- Flask + Celery + Redis
- Automated marketing workflows
- Scalable task queues & scheduling

4. IoT Sensors & Actuators Documentation

- Notes covering sensors, components, classes, and errors

5. Automation & Backend Projects

- Excel templating engine
- AI avatar automation flows
- Backend automations (APIs, pipelines)

Working Style

- Completes work on time
- Independent worker
- Highly focused
- Delivers clean and structured systems
- Quick problem-solver

