

HETAL PATIL

PROFILE

Aspiring AI/ML Engineer and Data Analytics Enthusiast with hands-on experience in Python, TensorFlow, and Computer Vision. Strong foundation in Machine Learning, Data Processing, and Enterprise Systems through the SAP Educate to Employ program. Passionate about building intelligent, real-world solutions that integrate AI, automation, and data-driven insights.

PROFESSIONAL EXPERIENCE

SAP Educate to Employ (E2E) Program – Trainee

SAP – Edunet Foundation
09/2024 – 07/2025

- Completed Developer Track in LB2, gaining hands-on experience in backend development, SAP fundamentals, and enterprise system integration.
- Transitioned to the Data Engineer Track in LB3, focusing on data modeling, ETL pipelines, and data-driven enterprise solutions.
- Worked on simulated real-world projects covering solution design, implementation, and deployment in SAP environments.
- Strengthened technical foundation in Python, Databases (PostgreSQL/MySQL), and Data Analytics to complement SAP consulting skills.

PROJECTS

GestuTalk- Sign Language to Text & Speech Convertor

- Developed a real-time system using OpenCV, MediaPipe, and TensorFlow to translate gestures into text and speech, enhancing accessibility for speech- and hearing-impaired users.
- Trained a TensorFlow deep learning model to classify hand gestures corresponding to sign language symbols
- Integrated pyttsx3 to convert recognized gestures into spoken language for audible output

AI VIRTUAL MOUSE

- Built a gesture-controlled virtual mouse using Python and MediaPipe, enabling cursor movement, clicks, and automation with high accuracy for hands-free desktop interaction.

CONTACT

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github.com/Patilhetal

EDUCATION

- Drs. Kiran and Pallavi Patel Global University, Vadodara**
CGPA: 8.57
B.Tech in Computer Science and Engineering
09/2022 – 05/2026

SKILLS

- Languages & Programming:**
Python, Core Java, C, C++, DSA
- Machine Learning & Deep Learning:**
TensorFlow(Basics), Keras(Basics), Scikit-learn(Basics), OpenCV, MediaPipe
- Data Analysis & Visualization:**
Pandas, Numpy, Power BI, Excel
- Python Frameworks & Automation:**
FastAPI(Basics), Django, PyAutoGUI
- Platforms & Tools:**
PyCharm, Jupyter Notebook, VS Code, Kaggle, Git & GitHub

CERTIFICATIONS

- SAP Technology Consultant Specialization — Coursera (Feb 2025)**
Covered SAP Fundamentals, Enterprise Systems, Customer Discovery, Solution Design & Implementation
Certificate: [\[Link\]](#)
- Python for Data Science, AI & Development — Coursera (Jul 2025)**
Learned Python programming, data analysis, AI fundamentals, and web automation (Pandas, NumPy, Matplotlib, Selenium)
Certificate: [\[Link\]](#)