ANKIT PATIDAR

📍 Mandsaur, Madhya Pradesh

📞 **+917489483739** | ✉ **patidarankit3739@gmail.com** | 🔗 **ankitpatidar** 🐙 **ankitpatidar**

EDUCATION

Vellore Institute Of Technology Bachelor of Technology in Computer Science and Engineering - **8.57/10**	**September 2023 - Present** Madhya Pradesh, India
N.S. Singhvi Higher Secondary School , Mandsaur Successfully completed **HSC** with a score of **83.8%.**	**April 2022** Madhya Pradesh, India
Shri Sai Public School, Dalauda Successfully completed **SSC (Matriculation)** with a score of **80.2%.**	**April 2020** Madhya Pradesh, India

PROJECTS

Adaptive Traffic Control System | Python, OpenCV, TensorFlow
- Designed an adaptive traffic control system, leveraging TensorFlow and YOLO sensors for real-time signal optimization with OpenCV integration. Improved overall traffic efficiency,
- showcasing the effectiveness of AI in traffic management.

Smart Railway Monitoring System | Python, Flask, IoT, TensorFlow
- Built an AI-driven railway monitoring system using IoT sensors and TensorFlow for real-time track health and anomaly detection.
- Enhanced railway safety and efficiency through predictive maintenance, using Flask for alerts and data visualization.

TECHNICAL SKILLS

- **Programming Languages:** C++, JavaScript
- **Frameworks & Technologies:** ReactJS, Next.js, Tailwind CSS, Vite, MongoDB, ExpressJS, NodeJS, Postgres.
- **AI/ML Tools:** Prompt Engineering,Feature Engineering ,Pipelines NumPy ,Pandas ,Regression ,Clustering.
- **Technologies:** Artificial Intelligence, Machine Learning, Data Science, Git/GitHub, Linux,Generative AI (GenAI).
  General Tools: MS Excel, PowerPoint, Word, VS Code, GitHub, Microsoft Teams,Postman.
- **Languages**: Hindi (native), English (fluent)

CERTIFICATIONS

- Google IT Support Professional, **Google**
- Full Stack web development, **Udemy**
- Python for Data Science and Machine Learning, **Udemy**

LEADERSHIP & ACHIEVEMENTS

- Management **Lead at Music And Band Club, VIT Bhopal**
- Sports Fest **Football** Runner-Up, **AdVITya'24, VIT Bhopal**