

Ansh Bhavsar

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OBJECTIVE

Computer Science undergraduate with a strong foundation in programming and applied artificial intelligence. Experienced in developing AI-driven projects and solving real-world problems. Adept at teamwork, adaptability, and problem-solving, seeking opportunities to apply expertise to build impactful solutions.

EDUCATION

Institute of Technology, Nirma University, Ahmedabad, Gujarat, India <i>Bachelor of Technology in Computer Science</i>	Sept. 2022 – Jun 2026 CGPA: 9.09
Hillwoods School, Gandhinagar, Gujarat, India <i>Higher Secondary Education</i>	April. 2008 – Jul 2022 Percentage: 97

PROFESSIONAL EXPERIENCE

Intech Creative Services <i>AI/ML Intern</i>	May 2025 – Jul 2025 <i>Ahmedabad, Gujarat, India</i>
<ul style="list-style-type: none">Built a recruitment automation system by developing an LLM-based resume matcher using open-source models to rank candidates based on job descriptions.Automated candidate outreach and screening using conversational AI powered by ElevenLabs, and designed workflows in n8n for interview scheduling, candidate acceptance/rejection.Engineered a Flask backend integrated with Google Chat API, OAuth 2.0, and Render-hosted PostgreSQL, enabling automated chat space creation and bot deployment for team collaboration.	

SKILLS

Programming Languages: C, C++, Python
Web Technologies: HTML, Flask, React, MySQL, PostgreSQL
Tools & Frameworks: Git, GitHub, Pandas, NumPy, PyTorch, TensorFlow, Tableau, KNIME
Coursework: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, MLOps, Data Analytics & Visualization, Database Management Systems, Operating Systems, Data Structures

PROJECTS

Ahmedabad Metro <i>Tools: Python, Flask, React, Leaflet, Pandas, Botpress, Gunicorn</i>	2025 🔗 — 🔗
<ul style="list-style-type: none">Built a full-stack smart transit platform with Flask APIs and a React frontend, supporting route finding, nearby station detection, real-time schedules, facility listings, fare calculation, downloadable maps and route guides.Implemented an interactive map interface using Leaflet and developed a multilingual chatbot using Botpress with three language support for user query handling.	
English-Gujarati Machine Translation using Transformer <i>Python, PyTorch, Streamlit, HuggingFace Transformers</i>	2025 🔗 — 🔗
<ul style="list-style-type: none">Developed a Transformer-based Neural Machine Translation system for English-Gujarati and deployed it as a Streamlit web app, enabling real-time and accessible bilingual translationEngineered an encoder-decoder architecture with multi-head self-attention, cross-attention and positional encoding, trained on a parallel corpus subset, evaluated using BLEU/CHRF metrics, and published the model on Hugging Face for easy access	
SmartRoute Optimizer <i>Tools: Pandas, OpenPyXL, Mapbox API, Geopy</i>	2025 🔗
<ul style="list-style-type: none">Developed a route optimization tool leveraging genetic algorithms to optimize multiple objectives, including traffic classification, minimizing delivery times, and efficiently assigning vehicles, thereby increasing overall capacity utilization.Designed an interactive UI with Streamlit to visualize results on a map, display shipment allocations, and export the data to Excel format for further analysis.	