

Het Bhutak

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EDUCATION

B. Tech – Computer Science & Design (2022–2026)

G.H. Patel College of Engineering and Technology, CVM University

CGPA: **8.05 / 10**

CORE SKILLS

Python, PyTorch, TensorFlow, Hugging Face, Scikit-learn

Agentic AI & LLM Systems

Lang Chain, Llama Index, Tool Calling Agents, Autonomous Workflows, RAG Pipelines, Prompt Engineering, Multi-Agent Architectures, Decision Automation Systems, Real-Time Inference Pipelines

AI Automation & Orchestration

n8n, Zapier, AI Workflow Automation, Event-Driven Pipelines

Computer Vision & Perception

OpenCV, CNN-based Vision Models, Image & Video Analytics

Data & Vector Systems

SQL, MongoDB, Embedding Pipelines, Vector Search Concepts

Deployment & Infrastructure

FastAPI, Flask, REST APIs, Cloud-Ready AI Services, Docker

RELEVANT EXPERIENCE

AI Development Intern — Laneway India Enterprises Pvt. Ltd.

Dec 2025 – Apr 2026 (Hybrid)

- Working on **production AI systems** as part of the core AI R&D team.
- Designing **LLM-powered autonomous pipelines** that combine retrieval, reasoning, and execution.
- Building AI agents that **trigger real actions via APIs and automation workflows (n8n, Zapier)**.
- Developing scalable AI services in Python for real-world deployment.
- Contributing to system-level AI architecture and long-running intelligent workflows.

AI/ML Intern — Racila Softech Pvt. Ltd.

May 2025 – August 2025

- Built an end-to-end Speech-to-Text Resume Builder, integrating audio preprocessing, transcription, and structured resume generation, achieving ~90% transcription accuracy and reducing manual resume creation time by ~70%.
 - Designed and implemented backend services using Python and Flask, exposing REST APIs for audio ingestion, transcription, and document generation.
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PROJECTS

InFlow – Smart Bus Surveillance & Crowd Monitoring System

Tech: Python, ML Pipelines, Computer Vision, Real-Time Analytics, REST APIs

- Built an AI-driven surveillance system that autonomously monitors crowd density and bus inflow.
- Integrated perception (vision models), reasoning (analytics), and execution (system actions) into a single pipeline.
- Designed real-time AI inference pipelines for continuous decision-making.
- Engineered system for live deployment in smart city environments, not offline analysis.

AI-Powered Autonomous Newsletter & Intelligence Agent

Tech: n8n, Python, REST APIs, LLM APIs, Web Scraping, Email Automation, Cloud Deployment

- Built a **fully autonomous AI agent system** that collects, analyses, and summarizes tech news in real time.
- Designed end-to-end agentic workflows for **data ingestion → reasoning → content generation → email delivery** without human intervention.
- Implemented a **subscriber-based weekly AI newsletter system** with automated report distribution.

ACHIEVEMENTS

- Winner – **5G DoT Hackathon**, awarded **₹1,00,000 in funding** for Robotics-based prototype development
- Gained **1 year of professional internship experience** in Artificial Intelligence, Machine Learning, and Software Development, working on real-world, production-oriented systems.
- **Presented a startup prototype at IMC'25**, Asia's largest technology and innovation conference, demonstrating applied engineering and product thinking to industry stakeholders.