

Het H. Bhutak

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QUALIFICATIONS

Bachelor of Technology (B. Tech) – Computer Science & Design

G.H. Patel College of Engineering & Technology, CVM University - 2022 – 2026 (CGPA: 8.05 / 10)

Technical Skills

Technical: Artificial Intelligence & Machine Learning, Deep Learning (CNNs, RNNs, LSTM), Computer Vision

Product Management: Feature Specifications, User Stories, MVP Definition & Feature Prioritization, Product Lifecycle Basics

MLOps & Model Integration: ML Pipeline Development, Model Inference APIs, Experiment Tracking (MLflow – basic), Model Deployment with REST APIs

Backend APIs & Data: Python, Flask, FastAPI, RESTful API Design, SQL, MongoDB

Developer Tool: JIRA (stories & tracking), Postman (API testing), GitHub, Jupyter Notebook, CoLab

WORK PROFILE

Enrich Mentor (May-2024 to August-2024) Designation: Product Management Intern

- Identified and refined **user stories** by analysing learner journeys and feedback, translating gaps into actionable product requirements.
- Diagnosed and resolved **course experience issues**, improving content flow, clarity, and overall usability.
- Conducted a detailed **SWOT analysis** to assess market positioning, competitor offerings, and growth opportunities.
- Supported **product development decisions** by aligning features with user needs and business objectives.
- Designed and executed a **pricing strategy tailored for the Asia-specific market**, balancing affordability and value perception.
- Contributed to driving **7,000+ course purchases within a single month**, directly impacting product revenue and adoption.

Racila Softech Pvt. Ltd. (May-2025 to August-2025) Designation: AI/ML Intern

- Built an **end-to-end Speech-to-Text Resume Builder**, handling audio preprocessing, transcription, and structured resume generation.
- Achieved **~90% transcription accuracy**, reducing manual resume creation time by **~70%**.
- Designed and developed backend services using **Python and Flask**, exposing scalable REST APIs.
- Integrated ML models into backend workflows for real-time inference and document generation.
- Worked closely with product and engineering teams to translate requirements into deployable AI solutions.

Projects

InFlow – Smart Bus Surveillance & Crowd Monitoring System

Computer Vision | Real-Time Analytics

- Developed a computer vision-based system to estimate crowd density and passenger flow in buses.
- Designed an admin dashboard for real-time visualization of bus and crowd analytics.
- Targeted smart-city deployments (e.g., **GIFT City, Gujarat**).

NIDS – Network Intrusion Detection System

Machine Learning | Cybersecurity

- Built an ML-based intrusion detection system to classify network traffic as normal or malicious.
- Trained and evaluated **LSTM, RNN, and KNN** models on the NSL-KDD dataset.
- Designed preprocessing, feature engineering, and evaluation pipelines.

ACHIEVEMENTS

- Winner – 5G DoT Hackathon**, awarded ₹1,00,000 funding for robotics-based prototype development.

- Presented startup prototype at **IMC'25**, Asia's largest technology and innovation conference.
- Gained **1+ year of professional internship experience** across AI/ML, backend engineering, and product development.