

Het Bhutak

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SUMMARY

Software Development Engineer with strong foundations in **data structures, algorithms, backend systems, and distributed application design**. Experienced in building **scalable, API-driven systems**, solving ambiguous problems, and delivering production-ready software in fast-paced environments. Passionate about building customer-facing systems with reliability, performance, and maintainability in mind.

EDUCATION

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

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

CGPA: 8.05 / 10 | **Expected Graduation:** 2026

TECHNICAL SKILLS

Programming Languages

Python, Java, JavaScript, TypeScript, C/C++

Backend & Distributed Systems

RESTful API Development, Service-Based Architecture, Stateless Services, Request–Response Lifecycle

Databases & Storage

SQL, MongoDB, Schema Design, Indexing, CRUD Operations

Core Computer Science

Data Structures & Algorithms, Object-Oriented Programming, Operating Systems Basics, DBMS Basics, System Design Fundamentals

Developer Tools

Git, Docker (basic), Postman, VS Code

EXPERIENCE

Software Engineering Intern (AI/ML) — Racila Softech Pvt. Ltd.

May 2025 – July 2025

- Designed and implemented **backend services and REST APIs** for a Speech-to-Text Resume Builder used by multiple clients.
- Built modular service layers handling **authentication, authorization, and data persistence**.
- Reduced manual resume creation time by **~70%** through backend automation and service optimization.
- Collaborated in an agile environment using Git-based workflows and iterative delivery.

PROJECTS (AMAZON-ALIGNED)

InFlow – Distributed Bus Surveillance & Analytics Platform

Tech: TypeScript, REST APIs, Backend Services, SQL/MongoDB

- Designed and built **scalable backend services** to process and expose real-time passenger inflow data across multiple buses.
- Implemented **stateless REST APIs** supporting concurrent clients with clean separation between service and data layers.
- Architected the system to support **horizontal scaling, fault tolerance, and cloud deployment readiness**.
- Solved ambiguous requirements by iteratively refining data models and API contracts based on usage needs.

 GitHub: <https://github.com/Hettbhutak/InFlow>

School Learning Management System (LMS)

Tech: Python, Flask, SQL

- Built a **role-based backend system** supporting students, teachers, and parents with secure access controls.
- Designed APIs and database schemas to efficiently handle user data and academic records.
- Focused on maintainable code structure and extensibility for future features.

 GitHub: <https://github.com/Hettbhutak/School-LMS>

ACHIEVEMENTS

- Winner – 5G DoT Hackathon**, secured ₹1,00,000 funding for building a production-ready prototype
- Top 5 Team – CVMU Hackathon 2024**
- First Prize – SSIP Funding Round**
- Presented project at **IMC'25**, Asia's largest technology event