

# Mayur Bharambe

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## Education

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### VIT Bhopal University

B.Tech in Computer Science Engineering CGPA: 8.52

Bhopal, India

Aug. 2022 – Mar. 2026

## Internship

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### Accrevent

SDE Intern

Pune, India

Mar. 2025 – May. 2025

- Developed backend functionalities using Java, adhering to object-oriented programming principles.
- Integrated and consumed RESTful APIs to enable communication between services.

## Projects

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### ALM Data Migration

- Developed data migration utility to migrate the data from IBM Rational to Codebeamer.
- Implemented REST client to execute requests and manipulate responses
- Used Postman to validate API endpoints.
- **Tech Stack:** Java, Maven, REST APIs, Postman, SQL.

### Database Query Executor Tool

- Built a command-line tool to execute SQL queries from a file and export results to downloadable CSV/Excel formats
- Designed database schema with normalized tables (Employee Details and Department) linked using foreign keys.
- Developed a .bat script to automate query execution by accepting file inputs and managing outputs.
- Implemented JDBC for database connectivity and data extraction, ensuring robust query execution
- Technologies used: Java, JDBC, MySQL, XML/CSV Conversion.

### JSON Tree Viewer

- Developed a Java application that reads a JSON file and converts it into a tree data structure, preserving the hierarchical structure of the JSON data
- Enabled visualization of complex JSON structures in a tree format for easier data analysis and debugging.
- Technologies used: Java, JSON parsing, Tree data structures

## Technical Skills

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**Languages:** Java, C++, Python

**Database:** SQL

**Cloud and tools:** Exposure to Amazon Web Services

## Achievements and Certifications:

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**Problem solving:** Solved Over 300 Problems which included the implementation of Data structure and Algorithms on multiple websites with online judge (LeetCode, CodingNinjas, CodeChef).

**Languages:** English (Fluent), Hindi (Native), Marathi(Native)

**Certifications :**Cloud Computing (NPTEL) Apr 2024, Python Essentials (VITYarthi) May 2023, Marketing Analytics Apr 2025

**Soft Skills:** Communication, Teamwork, Leadership, Adaptability

**Hobbies:** Playing Guitar, Speed-Cubing