

Mayur Bharambe

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Education

Vellore Institute of Technology

B.Tech in Computer Science Engineering CGPA: 8.52

Bhopal, India

Aug. 2022 – Mar. 2026

Internship

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

ALM Data Migration

- Reduced data migration cycle time by automating the transfer of critical artifacts (Requirements, Test Cases) from IBM Rational to Codebeamer, eliminating manual Excel dependencies.
- Implemented REST client to execute requests and manipulate responses
- Designed a configurable REST client using Java and Maven that consumes Codebeamer APIs.
- Tech Stack:** Java, Maven, REST APIs, Postman, SQL.

CineSync - Concurrent Movie Booking System

- Built a scalable booking system implementing Optimistic/Pessimistic locking to ensure data consistency during simultaneous user access.
- Architected a robust REST API layer handling complex relationships (Users, Shows, Bookings) with automated seat matrix generation.
- Integrated global exception handling and transaction management to maintain system stability under load.
- Technologies used: Java, Spring Boot, MySQL.

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.

Technical Skills

Languages: Java, C++, Python

Database: SQL

Cloud and tools: Exposure to Amazon Web Services

Achievements and Certifications:

Problem solving: Solved Over 400 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: Oracle Certified Java Foundation Associate - Nov 2025, 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