

LAXMAN KALE

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EXPERIENCE

Software Developer Intern

July 2025 – Sept 2025

Bentork Industries LLP, Pune

- Developed and maintained microservice-based backend modules including Users, Sessions, and Payments using Spring Boot.
- Designed and implemented session lifecycle management (start/stop, wallet validation, state handling).
- Debugged and resolved API payload mismatches, SQL errors, and timeout issues using structured logging and Postman.
- Improved backend stability by fixing session-related and database integration issues.
- Collaborated in Agile sprint cycles using Git branching, pull requests, and conflict resolution.

Software Developer Intern

Oct 2025 – Dec 2025

Infosys Springboard

- Built and enhanced RESTful APIs for a MERN-based application (Hire A Helper), ensuring smooth data exchange with the React frontend.
- Standardized API contracts to ensure consistent request and response structures.
- Collaborated in Agile sprint cycles using Git branching, pull requests, and conflict resolution.
- Worked closely with the backend team to integrate APIs with standardized error-handling mechanisms implemented at the team level.
- Worked in an Agile environment, contributing through pull requests, resolving merge conflicts, and delivering backend fixes during sprint cycles.

PROJECTS

Share2Go – Ride-Sharing Web App

Link: https://github.com/Laxmankale/share2ride_Ride_Sharing_App

Tech Stack : Spring Boot, React.js, Tailwind CSS, MySQL, REST APIs

- Designed and implemented 15+ REST APIs for ride creation, booking, search filtering, and user management.
- Implemented JWT-based authentication and role-based authorization (Driver / Passenger).
- Applied DTO pattern with mapper layer to decouple entities from API response models.
- Structured backend using layered architecture (Controller → Service → Repository).
- Designed relational MySQL schema for users, rides, and bookings.

Sweet Shop Management System – Inventory & Sales Platform

Link: <https://github.com/Laxmankale/sweet-shop-management-system>

Tech Stack : Spring Boot, React.js, Tailwind CSS, MySQL, REST APIs

- Built a full-stack inventory and sales management system enabling customers to search, view, and purchase sweets in real time.
- Developed secure REST APIs using Spring Boot for product management, stock tracking, and purchase workflows following layered architecture (Controller → Service → Repository).
- Applied DTO pattern with mapper layer to decouple entities from API response models.
- Wrote unit tests for service and Controller layer components using JUnit and Mockito to mock repository dependencies.
- Tested REST APIs using Postman to validate request/response payloads and verify HTTP status codes
- Integrated React frontend with backend services to enable dynamic product search, purchase confirmation flows.

EDUCATION

Master of Computer Applications (MCA)

July 2023 – June 2025

Genba Sopanrao Moze Collage of engineering, Pune

Bachelor of Science in Computer Science (BCS)

June 2019 – May 2022

Balbhim Arts, Science and Commerce College, Beed.

SKILLS & INTERESTS

- **Programming Languages:** Java, JavaScript, SQL
- **Backend:** Spring Boot, Hibernate, JPA, REST APIs, Microservices, AWS basics
- **Frontend:** React.js, HTML, CSS
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub (Branching, PRs, Merge Conflict Resolution)
- **Tools & Concepts :** Maven, Postman, STS4, OOP, MVC, Exception Handling, Debugging
- **Methodologies:** Agile Methodologies

CERTIFICATIONS

Forge Virtual Experience – Software Development - [Link](#)

Completed hands-on tasks simulating real engineering work including backend development, API design, and testing.