

# Om Bhambre

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## Professional Summary

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Motivated and detail-oriented Full-Stack Developer with a strong foundation in Java, Spring Boot, Spring Security, and SQL for backend development, along with hands-on experience in React.js, JavaScript, HTML, CSS, and Tailwind CSS for building modern, responsive frontends. Proficient in creating RESTful APIs, implementing JWT-based authentication, and developing user-friendly UIs. Continuously enhancing skills to build scalable, secure, and high-performance applications across the full technology stack.

## Experience

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### Robowaves

October 2024 – March 2025

#### FullStack Java Developer Intern

- Developed a Broadband Billing System using Java Swing, AWT, and MySQL.
- Designed a user-friendly graphical interface for customer management, billing generation, and payment tracking
- Developed the backend API with Spring Boot, integrating NASA's open APIs for APOD and Mars Rover photos, implementing secure authentication with Spring Security, and CRUD operations.
- Built a responsive frontend using Thymeleaf and Bootstrap. Dockerized the application for deployment on AWS Elastic Beanstalk
- Ensured code quality and robustness through testing with JUnit, Mockito, and TestContainers.

## Projects

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### NASA Space Image Portal

- A dynamic web application that integrates NASA's open APIs to provide Astronomy Pictures of the Day (APOD) and Mars Rover photos from the Curiosity, Opportunity, and Spirit rovers, offering detailed exploration of space imagery.
- It includes a secure Admin Panel for managing content with CRUD operations, and API documentation via Swagger UI for easy endpoint exploration.
- The application uses a custom JWT and OAuth2-based authentication system and has a responsive front-end built with Thymeleaf and Bootstrap.
- The backend is powered by Spring Boot 3, Spring Security 6, and MySQL, and the application is dockerized for seamless deployment on AWS Elastic Beanstalk.

**Tech Stack:** Java, Spring Boot, MySQL, Thymeleaf, JWT, OAuth2, Docker, AWS Elastic Beanstalk.

### Employee Management System

- Developed a secure and scalable Employee Management System backend using Spring Boot and MySQL.
- Implemented CRUD operations for employee data with proper layered architecture (Controller, Service, Repository). Integrated Spring Security with JWT Authentication to ensure secure user access. Followed best practices like DTOs, Global Exception Handling, and RESTful API standards.
- Focused on modular coding, efficient database operations using Spring Data JPA, and ensured a clean, maintainable project structure

**Tech Stack:** Java, Spring Boot, Spring Security, JWT, MySQL, REST APIs, Swagger, Maven .

### Library Management System

- Designed and developed a Library Management System using Spring Boot, Java, and MySQL.
- Implemented features like book management, member registration, book issuing/returning, and fine calculation.
- Built secure and scalable RESTful APIs, handled database operations using Spring Data JPA, and followed clean architecture principles to automate library operations.

**Tech Stack:** Java, Spring Boot, MySQL, REST APIs.

### Personal Porfolio

- Designed and developed a responsive personal portfolio website using React.js to showcase my projects, skills, and contact information.
- Integrated a seamless Light/Dark mode toggle to enhance user experience. Implemented smooth navigation using React Router DOM and added modern icons with Lucide React.
- Styled the UI with Tailwind CSS and enhanced visual appeal with basic CSS animations for transitions and hover effects.

**Tech Stack:** React.js, JavaScript, Tailwind CSS, React Router DOM, Lucide React, CSS Animations.

### Skills

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**Programming languages:** Java, JavaScript .

**Backend:** Spring Boot, Spring Security, JWT, REST APIs .

**Frontend:** HTML, CSS, JavaScript, React.js .

**Database:** MySQL, PostgreSQL, Oracle .

**Version Control:** Git, GitHub .

**Tools:** Postman, Git, GitHub, Eclipse , Docker(Basic), AWS(Basic) .

### Education

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**Dr. Babasaheb Ambedkar Marathwada University .**

*Jul 2021 – May 2024*

*BSc. in Computer Science*

- GPA: 6.9/10.0

**Higher Secondary Certificate.**

*Jun 2019 – May 2021*

*Mahatma Gandhi Mahavidyalaya, Ahmedpur*

- Percentage: 81

**Secondary School Certificate.**

*Jun 2018 – May 2019*

*Shree Mukteshwar Madhyamik Vidyalay, Ausa.*

- Percentage: 73

### Certifications

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- Java Full Stack Developer – Q-Spiders (Java, JDBC, Servlets, JSP, Spring Boot, SQL, HTML/CSS/JS React.js)
- Postman API Fundamentals – Postman