

# Sandesh Babasaheb Dadibude

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Pune, Maharashtra, India

## EDUCATION

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| <b>Suryadatta Institute of Management and Mass Communication</b><br><i>Master of Computer Applications (MCA) in Information Technology</i> | Pune, India<br>Sep 2025 – Jun 2027   |
| <b>Vasanttraodada Patil Institute of Management Studies and Research</b><br><i>Bachelor of Computer Applications (BCA), CGPA: 8.02/10</i>  | Sangli, India<br>Apr 2023 – Apr 2025 |
| <b>Shivaji University</b><br><i>Higher Secondary Certificate (HSC), 45%</i>  | Kolhapur, India<br>2022              |

## TECHNICAL SKILLS

**Languages:** Java, C++, C, JavaScript, PHP, SQL, HTML/CSS  
**Frameworks & Technologies:** Spring Boot, Hibernate/JPA, JDBC, Bootstrap  
**Tools & Platforms:** Git, GitHub, Postman, XAMPP, Linux, AWS Core Services, MySQL  
**Core Competencies:** RESTful APIs, Database Design, CRUD Operations, OOP, Microservices Architecture

## PROJECTS

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|--|---------------------|
| <b>Library Management System</b>   <i>Spring Boot, Hibernate, MySQL, REST API</i>  | Aug 2024 – Mar 2025 |
| <ul style="list-style-type: none"><li>Architected and deployed a role-based library management system with Spring Boot and Hibernate, serving 500+ concurrent users with 99.9% uptime</li><li>Implemented RESTful APIs for book inventory management, user authentication, and automated reporting, reducing manual processing time by 70%</li><li>Designed normalized MySQL database schema with JPA relationships, optimizing query performance by 40%</li><li>Built admin dashboard for book management and analytics, and student portal for book browsing, requesting, and borrowing tracking</li></ul> |                     |
| <b>Hotel Reservation System</b>   <i>Java, JDBC, MySQL</i>   | Apr 2024            |
| <ul style="list-style-type: none"><li>Developed full-stack hotel booking application with CRUD operations for room management, guest registration, and reservation processing</li><li>Implemented transaction management and billing system with JDBC, ensuring data consistency across 1000+ test bookings</li><li>Created menu-driven console interface with input validation and error handling for seamless user experience</li></ul>  |                     |
| <b>ATM Simulation System</b>   <i>Java Swing, JDBC, MySQL</i>  | Jan 2024            |
| <ul style="list-style-type: none"><li>Built secure banking simulation with GUI using Java Swing, implementing authentication, balance inquiry, withdrawals, deposits, and PIN management</li><li>Integrated MySQL database with JDBC for persistent transaction history and real-time balance updates</li><li>Designed event-driven architecture with exception handling for robust user interactions</li></ul>  |                     |
| <b>Tour &amp; Travel Agency System</b>   <i>PHP, MySQL, Bootstrap, JavaScript</i>  | Mar 2023 – May 2023 |
| <ul style="list-style-type: none"><li>Engineered web-based travel management platform for family business with admin panel for bus routes, schedules, and seasonal package management</li><li>Implemented passenger booking system with MySQL backend, processing 200+ monthly reservations</li><li>Created responsive frontend with Bootstrap and JavaScript for cross-device compatibility</li></ul>   |                     |
| <b>Additional Projects</b>   <i>Java, JavaScript, HTML/CSS</i>   | 2023 – 2024         |
| <ul style="list-style-type: none"><li>Hospital Management System (Java JDBC): Patient, doctor, and appointment management with database integration</li><li>Weather App (JavaScript, OpenWeather API): Real-time weather data display with API integration and dynamic UI</li><li>Game Development (Java Swing): Flappy Bird and Tic-Tac-Toe with event handling and OOP principles</li><li>E-commerce Clones (HTML/CSS/JS): Netflix and Amazon UI clones demonstrating responsive design and DOM manipulation</li></ul>   |                     |

## ACHIEVEMENTS & CERTIFICATIONS

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**Hackathon 2025 Participant:** Competed in national-level hackathon, demonstrating problem-solving and teamwork skills

**Academic Excellence:** Consistently ranked in Top 10 of BCA class, achieved 80.2% overall score

**Chess Champion:** Won BCA-level chess tournament, showcasing strategic thinking and competitive spirit

**Languages:** Fluent in English, Hindi, Marathi (native); conversational Kannada