Rohini Pandurang Bagal

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PROFILE SUMMARY

Computer Science Engineer with hands-on experience in developing web applications using Java, Spring Boot and MySQL. Skilled in building RESTful APIs, managing databases, and collaborating using Git and GitHub.

EDUCATION

SVERI's College of Engineering Pandharpur   *Pandharpur, Maharashtra*
Bachelor of Technology in Computer Science and Engineering   *2021-2025*

- Aggregate: **84.27%** | CGPA: **9.70**/10
- Top **10%** in Academics

SKILLS

Technical skills: C, Core Java, Spring Boot, Hibernate, MySQL, PHP, Github
Tools: VS Code, Eclipse, XAMPP

EXPERIENCE

Symbiosis Skills and Professional University   *Pandharpur, Maharashtra*
Java FullStack Intern   *02/2025 - 05/2025*

- Enhanced user interface layouts with JSP and Servlet, decreasing page load times by **30%** and improving overall user satisfaction scores by **15%** on internal surveys.
- Revamped the database schema of the bank management system with **PL/SQL**, optimizing query performance and reducing transaction processing time by **30%**, while supporting **10,000+** accounts.
- Spearheaded code refactoring initiatives within the online medical consultation system, improving code readability by **40%** through consistent style guide enforcement across all modules.
- Collaborated with a 5-member team using **GitHub** to manage over **100+** commits across multiple modules, reducing integration issues by **40%** and improving overall code maintainability.

PROJECTS

Online Medical Consultation System   *04/2025-05/2025*

- Engineered a full-stack web application using **Spring Boot** and **Angular** for online medical consultation.
- Implemented multi-factor authentication with tiered access controls, reducing unauthorized access attempts by **90%** and improving data security for over **500** doctors and **2,000** patients.
- Built appointment scheduling and e-prescription modules that automated patient workflows, reducing manual data entry by **60%** and improving user experience.
- Integrated **MySQL** with RESTful APIs to ensure efficient, real-time data management across user roles.

Women Empowerment NGO Website   *01/2024-02/2024*

- Developed a responsive NGO website using PHP, **HTML**, **CSS**, and MySQL to streamline community engagement.
- Designed a clear, accessible interface, resulting in a **45%** increase in user interaction.
- Implemented **database-driven** forms for secure user data collection, reducing manual recordkeeping by **70%**.

ACHIEVEMENTS

- Qualified **GATE 2025** in Computer Science with demonstrated knowledge in data structures, algorithms, computer networks, and operating systems.
- Achieved **5-star** rating in **Java** and **4-star** rating in **C** on **HackerRank**, reflecting advanced coding proficiency and algorithmic thinking.