

Pranu Agrawal

JAVA DEVELOPER

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👤 Profile

Java Developer Skilled in Core Java, Spring Boot with experience in building and optimizing responsive applications. Proficient in full-stack development, API integrations, and UI Based CRUD operations. Dedicated to continuous learning and delivering impactful solutions.

🧠 Skills

- Core Java
- Web Design (HTML, CSS)
- Tools: Eclipse, Spring Tool Suite4, VScode, Postman, MySQL
- SQL
- Framework: Bootstrap, Spring Boot

📁 Professional Experience

04/2024 – 05/2024 Jabalpur, India	Java Programming Intern SYSTEMTRON PVT.LTD Completed an internship at SYSTEMTRON PVT. LTD. as a Java Developer, where I designed, developed, and optimized code to address complex programming challenges, consistently meeting project deadlines and performance targets.
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📁 Projects

Library Management System 🔗 <i>Technologies: Java, Spring Boot, MySQL</i> Developed a Library Management System using Java and Spring Boot, enabling efficient book management and user access control. <ul style="list-style-type: none">• Implemented CRUD operations for managing books, ensuring seamless addition, updating, and deletion of book records.• Designed role-based access control, allowing admins to manage books while restricting users to read-only access.• Integrated database management with MySQL, optimizing data retrieval and ensuring secure storage of library records.• Enhanced system security with Spring Security, providing authentication and authorization features for different user roles.
Tic Tac Toe 🔗 <i>Technologies: HTML, CSS, JavaScript</i> Developed a dynamic Tic-Tac-Toe game utilizing HTML, CSS, and JavaScript, featuring interactive gameplay and persistent score tracking. <ul style="list-style-type: none">• Implemented interactive gameplay mechanics, allowing two players to engage in classic Tic-Tac-Toe matches.• Integrated score tracking with LocalStorage, ensuring player scores persist across sessions.• Added Reset, Play Again, and AutoPlay features, enhancing user engagement and replayability.• Designed a two-page structure comprising a Home (Start) page and the main Game (Tic-Tac-Toe) interface for intuitive navigation.
Employee Management System 🔗 <i>Technologies: JAVA, JDBC, MySQL</i> <ul style="list-style-type: none">• Devised an innovative search functionality within the application, enabling rapid retrieval of critical employee information.• Reduced average query times to under three seconds while enhancing overall accessibility and user satisfaction.• Designed a streamlined search feature allowing for quick retrieval, adding, updating, deleting of employee information, enhanced data accessibility and reduced query times to under three seconds per request.

🎓 Education

08/2022 – 06/2024 Jabalpur, India	Master of Computer Application [MCA] Gyan Ganga College of Technology, (RGPV) CGPA- 8.16
08/2019 – 05/2022 Jabalpur, India	Bachelor of Science[B.Sc.] Mata Gujri Girls College, (RDVV) CGPA- 7.9

Certificates

CISCO, AWS, Oracle, IBM

- **Cisco** (C Essential, C++, Network Essential) And **Oracle** (Database Foundations)
- **AWS** (Cloud Foundation)
- Core Web Design, SQL Certification, JAVA Certification(I.T. VEDANT)
- **IBM**- JAVA, SQL, Web Development (I.T. VEDANT)

Courses

08/2024 – 03/2025

Pune, India

Master of Java Full Stack Developer

I.T. VEDANT Institute