

Priyanshu Maurya

Karhan, Muhammadabad Gohna, Mau, U.P., India
+91 8881447092 | priyansmaurya89@gmail.com
[LinkedIn](#) | [GitHub](#)

Education

- **Babu Banarasi Das Northern India Institute Of Technology** (Computer Science); Pursuing (72%)
- **Sacred Heart School**
Intermediate; Percentage: 67%

Lucknow, India
October 2021 - August 2025
Mau, India
March 2020 - April 2021

SKILLS SUMMARY

- **Languages:** Java, Python, C#, JavaScript, SQL
 - **Web Technologies:** HTML, CSS, Angular, RESTful APIs, JSP, Servlets
 - **Databases:** MySQL, PostgreSQL, MongoDB
 - **Framework :** Spring Boot, JavaF, Angular, Hibernate, JavaF, Bootstrap
 - **Tools:** IntelliJ, NetBeans, VS Code, GitHub
 - **Concepts:** DSA, Object-Oriented Programming (OOP), Machine Learning, Multithreading
 - **Soft Skills:** Team Work, Time Management, Attention to detail.
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Work Experience

June 23 - July 23

Java Developer Intern

- Developed Multiple java-based Projects including an Online Examination System and Food Ordering System
 - Improved database query efficiency, reducing server response time by 30%.
 - Enhanced project delivery speed by 25% through optimized code structures
 - Integrated user feedback to increase overall user satisfaction by 40%.
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PROJECTS

Smart AI-Powered ERP System for Farmers

- AI-Powered Farmer Management – Secure farmer registration with real-time crop updates.
- Smart Agriculture Assistance AI-driven weather forecasting, and pest & disease detection.
- AI-Based Government Scheme Finder – Personalized recommendations for farmers.
- Intelligent Irrigation & Fertilization – AI-driven insights for water and nutrient optimization.
- Technologies Used: Core Java, Advanced Java, MySQL, Artificial Intelligence (AI)

Food Ordering System

- Built an OOP-based system modeling real-world entities like customers, orders, and items.
- Implemented exception handling and optimized data management with HashMaps & Lists.
- Consider using multithreading for tasks like processing orders or fetching data to improve performance.
- Tech Stack: Java, MySQL, Spring Boot

Hotel Booking System

- Developed a 3-page booking system with authentication and database connectivity
 - Utilized MongoDB & MySQL for efficient data storage.
 - Signup and Login page also introduced in it so the user can login with their ID and Password
 - Tech Stack: Java, SQL, MongoDB, JavaFX
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Certifications

Java Full Stack Developer

- Mastered core Java concepts including syntax, control flow, loops, functions, and data structures.
- Developed web applications using HTML, CSS, Angular, and set up backend systems using Spring Boot.

Advanced Java

- Gained in-depth Knowledge of servlets and JSP through hands-on mini -projects.
- Enhanced Skills in th Spring Boot for creating resilient and scalable applicatons.

Backend Development

- Proficiency in designing, querying, and optimizing databases using SQL and NoSQL databases (e.g., PostgreSQL, MySQL, MongoDB).
- Experience in creating and consuming RESTful APIs including authentication, error handling, and documentation.