

# JYOTIRANJAN PANDA

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## Profile Summary

Java Developer with **1.5+ years of experience** in designing, developing, and maintaining Java-based applications. Experienced in building **RESTful APIs** and web applications using **Spring Boot**, **Hibernate**, and **MySQL**. Proficient with version control systems like **Git** and deploying applications on **Apache Tomcat**. Strong understanding of object-oriented principles, software design patterns, and development best practices, with proven ability to deliver scalable and maintainable backend solutions.

## Qualification

<b>Gandhi Institute for Technology, GIFT Autonomous College</b> <i>Master's in Computer Application - CGPA: 8.14</i>	<b>2022 – 2024</b> Bhubaneswar, India
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## Technologies

**Programming Languages:** Java (JDK 17), JavaScript, HTML, CSS  
**Frameworks:** Spring Boot, Spring (Core, MVC, REST, AOP, Security), Hibernate  
**Microservices Cloud:** Spring Boot Microservices, REST APIs, AWS, Docker  
**Web Technologies:** JDBC, Servlets, JSP, React, Node.js  
**Databases:** MySQL, Oracle  
**Tools:** Maven, Git, JUnit, Log4j, Apache Tomcat, JBoss, Eclipse, STS, VS Code  
**Methodologies:** Agile, Scrum

## Experience

<b>Software Developer</b> <i>Ajatus Software Pvt. Ltd.</i>	<b>June 2024 – Present</b> <i>Bhubaneswar, India</i>
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- **Devised and optimized** relational databases, boosting data retrieval efficiency by **20%** while ensuring scalability and performance.
- **Built and maintained** web applications, collaborating with cross-functional teams to deliver robust, scalable **Java-based solutions**.
- **Diagnosed and resolved** software bugs, enhancing application stability and reducing downtime by **15%**.

## Projects

<b>Project – 1: ICARDA — Farmer Management System</b> <i>Team Size: 5</i>
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- Developed a **Farmer Management System** using **Java Spring Boot**, **MySQL**, and **React**, managing **500+ farmers** and **10,000+ crop/seed records**.
- Designed and optimized **RESTful APIs**, reducing **average API response time by 25%** for farmer registration, crop tracking, and seed inventory.
- Improved system performance with **asynchronous event handling**, handling **50+ concurrent requests** efficiently.
- Contributed to **API and database design**, ensuring **scalability for 2x user growth** and secure data flow.
- Implemented **GitLab CI/CD pipelines**, reducing deployment errors by **30%** and deployment time by **20%**.

- Delivered **unit-tested, production-ready modules**, meeting **100% of project deadlines**.

## **Project – 2: MSIL — Mohapatra Scientific**

*Team Size: 4*

- Built a **Spring Boot Microservice** using **JDK 17, Hibernate**, and **MySQL** to manage **1,000+ inventory records**.
- Developed **REST APIs and POJOs**, improving **data retrieval speed by 20%**.
- Secured **5+ endpoints** using **Spring Security with JWT** for authentication and authorization.
- Automated builds with **Maven** and deployed on **AWS EC2** with **MySQL RDS**, reducing deployment effort by **15%**.
- Achieved **95% test coverage** with **JUnit & Mockito**, reducing post-production bugs by **20%**.