



NIHAR RANJAN PANDUA

JAVA DEVELOPER

I am a Java developer with more than 3.0 years of practical experience, driven by strong motivation, and focused on building web applications. My expertise lies in using Spring Boot, Java, Hibernate/JPA, JWT token, and Spring Security. I am also well-versed in API development. I excel in problem-solving and thrive in team-oriented settings. I am currently seeking a challenging role where I can leverage my skills and experience to make a meaningful contribution to the organization's success.

CONTACT

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Location - Bengaluru, India

My Web - <https://1-niharranjan.github.io/portfolio.github.io/>

SKILLS

- **Programming Language:** Java
- **Database:** MySQL
- **Web Technologies:** HTML, JavaScript
- **J2EE Technologies :** Servlets, JSP, JSTL
- **Frameworks:** Hibernate/JPA, Spring Boot
- **Development IDE:** Eclipse, STS, IntelliJ
- **Application Servers:** Apache Tomcat
- **Distributed Technologies:** Restful Web Services, Java Micro Services

EDUCATION

- 2019-2021 **Biju Patnaik University of Technology, Odisha**
MCA - 8.6 CGPA
- 2016-2019 **Fakir Mohan University, Odisha**
BCA - 7.9 CGPA

PROFESSIONAL SUMMARY

- **Developed and Maintained RESTful APIs:** Designed and managed **RESTful APIs** using the **Spring Boot** framework.
- **Implemented JWT Token Authentication:** Established secure authentication and authorization using **JWT tokens**.
- **Database Management:** Proficient in **MySQL** for efficient data storage and retrieval; skilled in **Hibernate** and **JPA** for object-relational mapping.
- **Servlet Creation:** Demonstrated proficiency in creating servlets for web applications.
- **Java 8 Expertise:** Leveraged **Java 8** features, including Streams and Lambda Expressions, for code optimization.
- **Collaboration for Timely Project Delivery:** Collaborated with cross-functional teams to ensure on-time project delivery.
- **Code Quality Enhancement:** Actively participated in code reviews and contributed feedback to improve code quality.
- **Issue Resolution:** Diagnosed and resolved issues in existing codebases.
- **Agile Development Familiarity:** Experienced with **agile** methodologies and daily stand-up meetings in a development environment.
- **Debugging Skills:** Proficient in debugging and troubleshooting techniques for resolving software application issues.
- **API Testing:** Conducted API testing using tools like **Postman**.

WORK EXPERIENCE

Spectro Cloud India Pvt. Ltd.

Java Web Developer

2021 - Present

Roles and Responsibilities :

- Developed and consistently maintained web applications using **Spring Boot, Hibernate/JPA, and MySQL**.
- Contributed to front-end development tasks by working with **HTML** and **CSS**.
- Actively participated in code reviews, offering constructive feedback to team members.
- Collaborated closely with the project manager to ensure projects were delivered on schedule.
- Successfully identified and resolved production environment issues.
- Implemented **Agile** methodology to effectively manage project scope, timelines, and deliverables.
- Conducted thorough code **reviews, testing, and debugging** to uphold software quality.
- Addressed technical issues and provided valuable technical support to clients and end-users.
- Executed database management responsibilities, including the creation of tables, employing RDBMS concepts such as One-To-One mapping, One-To-Many mapping, Many-To-One mapping, and Many-To-Many mapping.

PROJECT - 1

- **Project Name** : ShoppingApp 2.1
- **Tech stack** : Java , Spring Boot, Hibernate, MySQL, Spring Security, Spring Validation, JWT token, RESTful APIs.
- **Team Member** : 7
- **Process** : Agile scrum process
- **Tools** : IntelliJ IDEA, Postman, MySQL Workbench
- **Duration** : 1.4 yrs.

Project Description:-

The Online Shopping Application is a web-based platform designed to provide users with a convenient and seamless shopping experience. It enables customers to browse a wide range of products, add items to their cart, make secure payments, and have their orders delivered to their preferred location. The system is developed using modern technologies and follows best practices to ensure reliability, security, and user-friendliness.

Responsibilities :

- Successfully Developed and implemented an online grocery web application using **Java** technologies, resulting in a user-friendly and efficient shopping experience for customers.
- Designed and developed the backend using Java frameworks such as **Spring Boot, Hibernate, and RESTful APIs** to handle complex data processing, ensuring seamless integration with the frontend.
- Utilized Java Server Pages (**JSP**) and **HTML/CSS** to design and develop the user interface, delivering a visually appealing and responsive **web application**.
- Implemented secure payment gateway integration using Java Cryptography Extension (**JCE**) to ensure secure and reliable online transactions.
- Deployed the application to a cloud-based platform using tools such as **AWS** and **GitHub**.

- Conducted extensive testing and debugging using **Java tools** such as **JUnit** and **Eclipse**, resulting in a highly stable and bug-free application.
- Collaborated with cross-functional teams including **UX designers**, project managers, and quality assurance testers to ensure timely delivery and successful deployment of the application.
- Kept up-to-date with emerging technologies and Spring **frameworks**, incorporating new features and functionality to enhance the application's performance and user experience.
- Published the application on a **web server** and maintained the application using tools such as **Git** and **Jenkins**

PROJECT - 2

- **Project Name** : NetBlast 3.2
- **Tech stack** : Java , Spring Boot, Hibernate, MySQL,, RESTful APIs.
- **Team Member** : 6
- **Process** : Agile scrum process
- **Tools** : STS, Postman, MySQL Workbench
- **Duration** : 9 Months

Project Description:-

The Net Blast CRM platform provides a variety of features and functionalities, including lead management, customer segmentation, automated marketing campaigns, and sales forecasting. With Net Blast, businesses can efficiently manage their customer relationships, build strong customer connections, and increase their revenue.

Responsibilities :

- Developing Entity Classes.
- Implementing oops concept(**inheritance, abstraction, polymorphism, encapsulation**) in project.
- Configuring application. Properties file.
- Developing Controllers to interact with the view and service layer.
- Building repository layers in the project.
- Developing Services layer to implement business logic.
- Reducing boilerplate code in entity class using Lombok annotations.
- Maintain the repository layer for all the database operations in **spring boot**.
- Integrating email-sending services.
- Testing web services using **POSTMAN**.
- Exposing and Consuming web services.
- Developing views using **JSP** and **JSTL** tags.
- Installing database and creating database.
- Implementing web services using **restful API**.
- Implementing project using **MVC Architecture**.

DECLARATION :

I hereby declare that the information given above are true to the best of my knowledge and belief.

Nihar Ranjan Pandua
(Signature)