

Prabin Kumar Shah

Balkumari, Lalitpur, Nepal

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Junior Java Developer

Junior Java Developer with practical experience in building robust backend systems using Java, Spring Boot, and SQL databases like MySQL and PostgreSQL. Skilled in developing RESTful APIs, implementing clean architecture, and collaborating in Agile teams. Passionate about solving real-world problems through scalable and maintainable software solutions.

Technological Skills

Languages:	Java, JavaScript, SQL
Frontend:	HTML, CSS, Bootstrap, React, Thymeleaf, JSP
Backend:	Spring (MVC, Boot), Servlets, Hibernate
Web Services:	REST (JSON, XML)
Web Servers:	Tomcat, XAMPP
Databases:	MySQL, PostgreSQL, MongoDB
Design Pattern:	MVC
Tools:	IntelliJ, VS Code, STS, MySQL Workbench, Android Studio, GitHub GitLab, Postman, DBeaver, Trello, Swagger UI
SDLC:	Agile/Scrum
Platforms:	Windows, Ubuntu, Android

Work Experience

Coding Technology, Lalitpur, Nepal

Java Spring Training

- Enhanced expertise in Java and the Spring framework.
- Developed a full backend API for an Employee Management System

Hobes Technology, Kathmandu, Nepal

Junior Backend Developer

Book Rental System (Intern)

Designed and implemented a full backend **REST APIs** for a book rental system using Spring Boot, including:

- o User authentication, book listings, and rental processing.
- Operated within the **Scrum framework**, contributing to: Sprint planning, execution, and reviews.
- Addressed and resolved bugs, ensuring system stability and performance.
- Collaborated with the frontend team to ensure seamless integration and optimal user experience.
- GitHub Repository: [Book Rental](#)

GenenTech

- Developed REST APIs for web application
 - Resolved bugs, enhancing system stability and performance.
 - Collaborated with the frontend team for seamless integration and user experience.
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Academic and Personal Projects

Expense Tracker

Developed a backend-centric Expense Tracker application using **Java**, **Spring Boot**, and **MySQL**, designed to help users manage their personal finances.

Implemented key features such as:

- **User Registration** with email configuration
- **JWT-based Login Authentication**
- **Category Management API**
- **Income and Expense Tracking API**
- **Dashboard API** for summarizing financial data
- **Filter API** for custom data queries (by date, type, etc.)
- **Notifications API** for real-time financial alerts
 - Incorporated best practices like **JPA auditing**, **global exception handling**, and **internationalization (i18n)** for robust and scalable API design.
 - Documented the APIs using **Swagger** and tested extensively with **Postman**.
- GitHub Repo: [Expense Tracker](#)

HimalayanBites [Food Delivery]

- Implemented secure user login and registration using JWT-based token authentication.
- Developed RESTful endpoints to manage cart items, place orders, and handle order history for users.
- Built a dynamic admin dashboard for restaurant owners to manage menu items, track orders, and update restaurant details.
- GitHub Repository: [Himalayan Bites](#)

Pharmanuman

- Web-based Pharmacy management system using Java, Spring Boot, Thymeleaf, and MySQL with the help STS.
- Role-based application (Pharmacy, Stockist, Pharmaceutical Company)
- Each of them can manage their inventory.
- Pharmacies can place order for medicine from stockists.
- Spring security implemented (Basic authentication)
- GitHub Repository: [Pharmanuman](#)

University Shortlisting Management System

- Developed a backend-focused application, University Shortlisting Management System, using Java, Spring Boot, and PostgreSQL.
- Implemented full CRUD operations, JPA auditing, global exception handling, and internationalization support.
- Designed a clean RESTful API architecture with tools like Swagger for documentation and Postman for testing.
- Full tutorial created by me: [YouTube Tutorial](#)

Education

Bachelor of Software Engineering

(2018 – 2023)

Nepal College of Information Technology

Balkumari, Lalitpur