

Rohit Prashad Pandeya

Full Stack Web Developer | Graphics Designer

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Professional Summary

Full Stack Developer skilled in **Java, Spring Boot, and React.js**, focused on building scalable web applications with **RESTful APIs, Microservices**, and responsive user interfaces. Experienced in **SQL/NoSQL databases, cloud deployment**, and **CI/CD pipelines**, delivering secure and high-performance solutions.

Technical Skills

Programming Languages: Java, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: Spring Boot, Spring Security, Hibernate, JPA, React.js, Node.js, Express.js, Tailwind CSS

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub

Concepts: RESTful APIs, Microservices, MVC Architecture, CI/CD Pipelines

Projects

E-Library

Spring Boot, React.js, MySQL, Hibernate, JPA

A web-based digital library system enabling users to browse, search, and manage books online.

- Designed normalized relational data models with Hibernate/JPA for efficient book and user management.
- Implemented CRUD APIs and optimized SQL queries, reducing query latency by 30%.
- Delivered modular REST API architecture integrated with reusable React components for maintainability.

SAR Bookstore – E-Commerce Platform

MERN Stack

An online bookstore platform with user authentication, role-based access, and order management.

- Developed a secure authentication and authorization system using JWT with role-based access control.
- Implemented RESTful APIs for product catalog, authentication, and order tracking workflows.
- Optimized database queries and indexing in MySQL to improve search performance and scalability.

Result Management System

MongoDB, Express.js, React.js, Node.js

A result management web app for academic institutions to publish and analyze student results.

- Created an interactive dashboard for administrators to manage courses, results, and analytics.
- Built a secure student portal for authenticated result viewing and downloadable PDF reports.
- Ensured data integrity and security through token-based authentication and server-side validation.

Education

Bachelor of Science in Computer Science and Information Technology

2022–Present

Siddhanath Science Campus, Kanchanpur

Institute of Science and Technology, Tribhuvan University

Additional Information

Languages: English, Nepali

Interests: Cloud Computing, DevOps, UI/UX Design, Open Source Contribution