

# 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