RAHUL SEWA PARIYAR

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OBJECTIVE

Motivated Software Engineering graduate seeking a Backend Development Trainee role. Eager to apply skills in Spring Boot, React, and cloud technologies to build scalable, high-quality solutions while growing toward a full-stack engineering career.

EDUCATION

Bachelor in Software Engineering , Gandaki College of Engineering and Science
Relevant Coursework: Data Structures & Algorithms, Distributed Systems, Network Programming, Software Testing

SKILLS

Languages	Java, JavaScript, TypeScript, Python, SQL
Frameworks	React, Spring, Node.js, Express
Databases	MongoDB, PostgreSQL, MySQL, Hibernate JPA
Tools	Git, Postman, Docker(Learing)

PROJECTS

Khaja Ghar A php based web-based application for automating various operational processes within a restaurant, including table reservations and food ordering. The Khaja Ghar project aims to streamline restaurant operations by automating reservation and ordering. The application utilizes HTML, CSS, JavaScript, PHP, and MySQL to provide an efficient and user-friendly solution for restaurant management.(View)

ElectroX E-Commerce Platform for Electronic Products (Laravel) Built an ecommerce platform using Laravel with secure authentication, product listings, filtering, cart logic, and order workflows. Developed the admin dashboard for managing products, categories, and orders. Worked with a team member to integrate eSewa payments. Optimized database design and adhered to Laravel MVC best practices.(View)

TRaiFIC Developed lane-detection and lane-violation modules using Python and YOLO object-detection models for real-time vehicle tracking. Integrated the system with a Laravel backend for violation logging and reporting. Customized the YOLO-based ANPR pipeline to accurately detect and recognize Nepali number plates, handling diverse fonts, sizes, and district codes. Optimized detection for high accuracy in varied traffic conditions(View)

Bookthething Microservices Booking Platform — Java Spring Boot, PostgreSQL, JWT, REST, Maven Developed a scalable microservices booking platform with API Gateway, Authentication, User, Metadata, Booking, and Futsal services. Implemented JWT-based role management, dynamic vendor availability, and automated booking workflows. Designed normalized PostgreSQL schemas with enum-based status management. Enabled end-to-end booking flow, service-to-service communication with secure token propagation, and fault-tolerant error handling. Delivered comprehensive API documentation, monitoring, and integration tests. Streamlined vendor scheduling, approval processes, and multi-tenant support, demonstrating expertise in microservices architecture, REST APIs, Spring Security, and complex business logic implementation.(View)

EXTRA-CURRICULAR ACTIVITIES

- Exploring Arduino-based hardware projects, building IoT and embedded systems applications.

- Enhancing cybersecurity skills with defensive training on TryHackMe.

- Participating in tech events, workshops, and coding competitions, including WordPress-related events.

- Completed self-driven projects in Spring Boot, React, and cloud technologies to strengthen backend and full-stack expertise.