# Rojan Tiwari

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**Github**: https://github.com/rojantiwari     **LinkedIn**: https://www.linkedin.com/in/rojantiwari17

A software developer and open source enthusiast with a passion for Frontend and backend development. Skilled in building high-performance applications using Nodejs, Nestjs, Express and TypeScript. Passionate about continuous learning and staying up-to-date with the latest technological advancements.

## WORK EXPERIENCE

**Backend Developer**                                    **December 2023 - December 2024**
*Desvu Technologies*
- Contributed to the development of Kagazpatra server using TypeScript, and PostgreSQL
- Contributed to the development of validation system integrating payment APIs
- Collaborated with frontend teams to define API contracts and troubleshoot issues , ensuring seamless integration
- Developed and maintained RESTful APIs using Nodejs, Express ,Nestjs and Typescript to handle business logic efficiently

## TECHNICAL SKILLS

**Languages**: Express,Nestjs, Nodejs, TypeScript, JavaScript
**Tools**: Git, Docker,Postman
**Databases**: PostgreSQL, MongoDB
**ORM:** Prisma**,** Mongoose

## PROJECTS

**Job Portal ([Github](https://github.com/rojantiwari))**
*Role: Backend Developer*
*Language Used: Express, Javascript, MongoDB, Postman*

- Developed a Job Portal web-application backend in Express for creating server and handling RESTful API.
- Implemented **JWT** for user authentication and authorization.
- Designed and optimized database schemas using Prisma ORM with PostgreSQL/MySQL, ensuring data integrity and performance.
- Collaborated with frontend teams to define API contracts and troubleshoot issues, ensuring seamless integration**.**

**Tiwari Eats([Github](https://github.com/rojantiwari))**
*Role: Fullstack Developer*
*Language Used: Express, Typescript, PostgreSQL, Postman, Prisma, Mailtrap, Zustand*

- Designed and developed a full-stack Tiwari Eats to showcase expertise in web application development.
- Built a RESTful backend API in Node using Express, implementing features like user authentication, authorization, email verification, OTP verification.
- Developed a React frontend with TypeScript, incorporating reusable components, state management

using Zustand, and a simple user interface.
- Designed and optimized database schemas using Prisma ORM with PostgreSQL, ensuring data integrity and performance
- Integrated third-party services like Stripe for payments.
- Collaborated with frontend teams to define API contracts and troubleshoot issues, ensuring seamless integration.

**Event Booking System([Github](Github))**
*Role: Backend Developer*
*Language Used: Node, Nestjs, Typescript, PostgreSQL, Postman, Prisma,*

- Designed and implemented a scalable backend using TypeScript, Express.js, and Prisma ORM, ensuring robust and maintainable code.
- Integrated secure authentication with JWT and bcrypt, enforcing role-based access control (RBAC) for different user types.
- Developed RESTful APIs for event creation, booking, and user management, following best practices for error handling and validation.
- Managed environment variables securely using dotenv and process.env, following best practices for configuration management.

**Ecommerce([Github](Github))**
*Role: Backend Developer*
*Language Used: Node, Express, JavaScript, MongoDB, Postman, Mongoose*

- Developed a full-featured Ecommerce backend using Javascript, Express.js, and Mongoose ORM, ensuring scalable and maintainable code.
- Built RESTful APIs for product management, cart operations, and order processing, following best practices for error handling and validation.
- Built a RESTful backend API in Node using Express, implementing features like user authentication, authorization.

## EDUCATION

**Bachelor of Software Engineering**                    **Completion Date: 2024**
*Pokhara University*
- **Relevant Coursework:** Operating Systems & Computer Architecture, Introduction to Databases, Web Application, Mobile & Web Multimedia

**SLC (+2) in Science with Computer**                    **Completion Date: 2016-2018**

- Brahma Rupa Secondary School

**SEE (10th Grade)**

- Brahma Rupa Secondary School