

SARAD BHATT

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INTRODUCTION

Full-stack software developer with nearly 3 years of experience building scalable, high-performance web applications using MERN and PERN stacks. Strong expertise in NestJS, PostgreSQL with TypeORM, and RESTful API design. Proven ability to develop production-ready systems, optimize performance, and deliver reliable backend architectures along with modern frontend experiences.

PROFESSIONAL EXPERIENCE

DNS Technology

Software Developer (DNS Solutions)

Kathmandu, NP

Apr 2024 - Now

- Built a full-stack web application for courier services and a cheque management system as well.
- Integrated courier with ERP and e-commerce platforms using real-time communication and notifications for deliveries, clients, admins, agents, and end users.
- Implemented REST APIs for DNS configuration management handling 50K+ daily requests.

NeemInfo Tech

Full-Stack Developer Intern

Mahendranagar, NP

Nov 2023 - Apr 2024

- Developed a MERN-stack eCommerce platform supporting 100+ daily active users.
- Boosted frontend performance 40% through media optimization and React hooks (`useMemo`, `useCallback`).
- Implemented backend error-handling middleware for enhanced system stability.
- Built secure JWT authentication with refresh token rotation for improved session management.

TECHNICAL PROJECTS

Courier and Logistics Management System [Nex Courier](#) — Next.js, Express, MongoDB, Socket.IO

Dec 2023

- Built a full-stack platform for managing courier orders and real-time delivery tracking, used by 1,000+ daily users.
- Engineered a shipment notification system, label printing, accounting workflows, and client-specific API integrations, reducing manual errors by 40%.
- Implemented role-based access control for admins, staff, and customers, and integrated ERP and e-commerce platforms to automate order processing, improving operational efficiency.

E-Commerce Platform [SassyLassy](#) — Next.js, Express, MongoDB, Socket.IO, JWT

Mar 2024

- Developed a full-stack e-commerce platform with real-time order tracking, inventory management, accounting automation, user management, and dynamic discount systems. Integrated the platform with courier services, reducing manual accounting work and decreasing client workload by approximately 30-40%, while improving customer transparency and operational efficiency.
- Optimized frontend performance with server-side rendering and strategic state management, enabling rapid product browsing and filtering for 100+ daily users.

Cheque Management System [Scheque.com](#) — Next.js, MongoDB, Express, OAuth, JWT

Dec 2023

- Developed a full-stack digital platform for tracking and processing cheques with secure JWT authentication and OAuth integration, ensuring data protection.
- Deployed the system on AWS EC2 with monitoring to maintain reliability and continuous availability.
- Built admin tools for user management, record search, and filtering, reducing manual workload and streamlining cheque processing.

ERP System (Learning Project) — Next.js, NestJS, PostgreSQL, TypeORM, eSewa, AI Integration

2025

- Designed and developed a full-stack ERP system with modular architecture supporting accounting, inventory management, and multi-store configurations.
- Implemented secure payment integration with eSewa, enabling real-time transaction handling and order processing workflows.
- Built scalable backend services using NestJS and PostgreSQL with TypeORM, ensuring efficient data modeling and system performance.
- Integrated AI-powered features including chat-based assistance and intelligent accounting insights to automate business operations.
- Developed dynamic dashboards and role-based access control for admins and store managers, improving operational visibility and control.

TECHNICAL EXPERTISE

Languages: JavaScript, TypeScript, Python Basics.

Frontend: React, Next.js, Redux Toolkit, Tailwind CSS, Material-UI, Radix UI, Shadcn

Backend: Node.js, Express.js, NestJS, GraphQL, RabbitMQ

Full-Stack: MERN Stack (MongoDB, Express, React, Node.js), PERN Stack (PostgreSQL, Express/NestJS, React, Node.js)

Databases: MongoDB, PostgreSQL, MySQL

ORMs & Tools: TypeORM, Prisma (basic)

AI / LLMs: Large Language Models (LLMs), Agentic AI, Prompt Engineering, OpenAI API

DevOps & Cloud: Docker, AWS (EC2, S3), GitHub Actions (CI/CD), Nginx

Tools & Platforms: Git, Linux, Postman, VS Code, Cursor

Architecture & Practices: Microservices Basics, API Design, Authentication & Authorization, Scalable System Design

EDUCATION

Birendra College

Diploma Computer Engineering

Baitadi, NP

Aug 2019 – Dec 2023

- Percentage: 85%
- Topper of the batch (Grade: A)