

Abhinav Shrestha

Full Stack Developer

shresthaabhinav5@gmail.com | [LinkedIn](#) | [GitHub](#) | abhinav-shrestha.com.np

SUMMARY

Computer Science graduate and full-stack developer with hands-on experience building production web applications end to end from role-based access systems to payment integrations and ML-driven recommendation features. Comfortable across React/Next.js, Node.js/Express, Laravel, and both SQL and NoSQL databases.

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, PHP, SQL, HTML, CSS

Frameworks & Tools: React.js, Next.js, Node.js, Express.js, Laravel, MySQL, MongoDB, Git, GitHub

Concepts: Role-Based Access Control (RBAC), RESTful API design, Retrieval-Augmented Generation (RAG)

Also familiar with: PyTorch, NumPy, NLP fundamentals

PROFESSIONAL EXPERIENCE

Software Developer — Locus Enterprises Pvt. Ltd. | Sept 2025 – Present

On-site, Full-time

- Build and maintain web applications using Laravel, Next.js, MySQL, and RESTful APIs for applications serving a large, active user base.
- Implement Role-Based Access Control (RBAC) to secure application access across user roles.
- Optimize backend APIs and database queries, contributing to full-stack feature delivery alongside the engineering team.

PROJECTS

Vehicle Booking System | 2026

- Built a full-stack booking platform (Next.js, MongoDB) with role-based access for admin, partner, and user accounts.
- Added live route tracking and map visualization with the Leaflet API, plus OTP-verified pickup/drop-off for ride security.
- Integrated video KYC via the ZEGOCLOUD API for secure partner identity verification.

Book Recommendation Platform | 2025

- Developed a full-stack e-commerce application (MERN) with separate admin and user dashboards covering auth, inventory, cart, and checkout.
- Integrated eSewa for secure online payments end to end.
- Designed and shipped a personalized recommendation engine using TF-IDF and cosine similarity in Python, based on user browsing history.

Employee Management System | 2025

- Built a MERN-stack HR platform with distinct admin and employee roles.
- Implemented attendance tracking, leave management, and automated payroll/payslip generation.
- Added department management and role-based dashboards to streamline workforce administration.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc CSIT) - Tribhuvan University | 2022 – 2026

Graduated with 76%

+2 Science - Prasadi Academy | 2019 – 2021

Graduated with 3.64 GPA