

Aayush Niroula

Full-Stack Developer

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Career Objective

Final-semester BSc CSIT student seeking opportunities to deliver innovative and scalable web solutions. Proficient in full-stack development with expertise in React, Next.js, Node.js, Express, MongoDB, PostgreSQL, and Socket.IO. Committed to contributing to team success and advancing technical skills in a professional setting.

Education

Bachelor of Science in Computer Science and Information Technology

AIMS College, Biratnagar, Nepal

2021 – Present

- Final-semester student with a robust foundation in computer science principles and modern development methodologies.
- Key coursework: Data Structures, Algorithms, Web Development, Database Systems, Software Engineering.

Experience

Next.js Developer Intern, Click Point Innovations

Oct 2025 – Jan 2026

- Developed and maintained modern web applications using Next.js with server-side rendering (SSR) and API routes.
- Implemented responsive UI components and optimized performance for improved user experience.
- Collaborated with backend developers and designers to deliver scalable and production-ready features.
- Gained hands-on experience with real-world development workflows, Git version control, and agile practices.

Freelance Backend Developer, Mountemart E-Commerce

Dec 2024 – Feb 2025

- Architected and implemented backend systems for an e-commerce platform.
- Built efficient RESTful APIs using Node.js, Express, and MongoDB for seamless frontend integration.
- Worked closely with a team to ensure robust system performance and a cohesive user experience.

Technical Skills

- **Frontend Development:** React, Next.js, Redux Toolkit, JavaScript, HTML5, CSS3, TailwindCSS
- **Backend Development:** Node.js, Express.js, Socket.IO, JWT Authentication, RESTful APIs
- **Databases:** MongoDB, PostgreSQL, SQL, Database Design
- **Tools & Technologies:** Git, GitHub, Docker, VS Code, API Testing

Projects

Job Portal System

GitHub

A full-stack job portal platform connecting job seekers and employers with role-based access.

- Implemented user authentication, job posting, job application tracking, and role-based dashboards.
- Designed RESTful APIs and database schema for scalable job and user management.
- Technologies: React, Node.js, Express, PostgreSQL, JWT

AgroTech

GitHub

Agriculture technology platform for farmers to manage crops, market produce, and access real-time weather and advisory services.

- Developed a full-stack application with user authentication, crop tracking dashboard, and external weather API integration.
- Technologies: React, Node.js, Express, MongoDB, Socket.IO

Instagram Clone

GitHub

A social media platform mimicking Instagram features such as posts, stories, likes, comments, and follows.

- Implemented feed generation, image upload using Cloudinary, and real-time notifications with Socket.IO.
- Technologies: React, Node.js, Express, PostgreSQL, Socket.IO, Cloudinary

E-Commerce Platform

GitHub

Full-stack e-commerce website with product catalog, cart system, and secure authentication.

- Built scalable backend APIs and responsive frontend; followed agile development practices.
- Technologies: React, Node.js, Express, MongoDB, JWT

Interests

- MERN & Next.js Stack Development
- Building scalable backend systems
- Open-source contributions

Additional Information

- **Availability:** Open to internships, entry-level roles, or freelance projects