

Nripesh Bhusal

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nb-fullstackopen-journal.hashnode.dev

Professional Summary

Second-year undergraduate with a strong interest in **backend and full-stack web development**. Hands-on experience building and deploying a **production-style MERN application** with authentication, role-based access control, and RESTful APIs.

Experience

Software Development Intern (Flutter)

June 2025 – August 2025

Atomxel, Noida (Summer Internship)

- Contributed to building and enhancing a **production-grade mobile application** using **Flutter** and **Dart**.
- Integrated REST APIs to fetch, display, and validate dynamic data from backend services.
- Used **Postman** to test APIs and collaborated closely with backend developers to debug and refine endpoints.
- Delivered features under technical mentorship, adhering to production standards and timelines.

Selected Project

Full-Stack Blog Application & Portfolio (MERN)

Personal Project — Deployed

- Designed and built a **full-stack blog platform** using **MongoDB, Express, React, Node.js** and **unit tests using Jest**.
- Implemented **JWT-based authentication** with **role-based access control** supporting **Admin, Author, and User** workflows.
- Built RESTful APIs for user management, blog creation, publishing, and access control.
- Application also serves as a **personal portfolio website**, with projects and content rendered on the homepage.
- Focused primarily on backend architecture and data flow.

Skills

- **Languages & Frameworks:** JavaScript, Node.js, Express.js, React, MongoDB, Jest, Dart (Flutter), HTML5, CSS3, C++ (OOP)
- **Backend & APIs:** REST API design, JWT authentication, role-based access control, MVC patterns
- **Tools & Platforms:** Git, Postman, VS Code, Vercel, Render
- **Concepts:** Full-stack architecture, authentication & authorization, debugging, testing, algorithms and problem solving

Education

B.Tech (Ongoing) – Second Year

Jamia Millia Islamia

Expected Graduation: 2028

Certification

Full Stack Open — Completed up to Part 7