

Aryan Sharma

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EDUCATION

Fairyland International School, Kapan, Kathmandu
Secondary School

August 2021
Grade: 3.70

New Millennium Academy Secondary School/College, Sukedhara, Kathmandu
+2 in Computer Science

May 2023
Grade: 3.34

SKILLS

Programming Languages JavaScript, C Programming, Dart, Python
Software Engineering Express.js , Node.js , React.js, Next.js, PostgreSQL, MongoDB, Redis, git, tailwind CSS
Systems Engineering Linux, CI/CD pipeline, docker, aws EC2

WORK EXPERIENCE

Mid-level Fullstack Developer (Formerly Fullstack Intern → Trainee → Mid-level Developer)

N9 Solutions / March 2023 – Current

- Progressed from Intern to Trainee to Mid-level Fullstack Developer over 1.5 years within the company.
- Designed and developed scalable web applications using React.js, Next.js, Vite, and Tailwind CSS on the frontend.
- Built and maintained backend services with Node.js, Express.js, MongoDB, PostgreSQL, and Redis for data persistence, caching, and performance optimization.
- Integrated RESTful APIs and implemented secure authentication/authorization using JWT and middleware.
- Optimized queries and backend logic to improve system performance and reduce response times.
- Developed reusable components, implemented state management, and ensured responsive UI/UX across devices.
- Collaborated with cross-functional teams to deliver fullstack features from concept to deployment.
- Participated in code reviews, mentored interns, and contributed to improving team coding standards and workflows.

PROJECTS

Helcar Booking – Vehicle Rental System

[Link](#)

- Developed a **comprehensive online vehicle rental platform** featuring a **Role-Based Access Control (RBAC) admin panel** for efficient management of users, bookings, and inventory. Configured
- **Payload CMS** with custom collections for services, blogs, products, orders, staff, and inventory to manage both website content and ERP data in one system.
- Built fully responsive frontend using **Next.js**, **Tailwind CSS**, and **shadcn**, optimized with ISR for fast loading and real-time updates.
- Integrated **Swiper.js** for synchronized sliders to showcase services and vehicle offerings interactively.

Espresso Organic Coffee – Barista Training Site

[Link](#)

- Developed the backend architecture for **barista course management** and **enquiry form submission**, ensuring secure data handling and API integrations.
- Built the **admin panel (frontend & backend)** for managing courses, users, and inquiries using **Next.js** and **Node.js**.
- Implemented **role-based access control (RBAC)** and optimized server performance for smooth admin operations.
- Assisted in **deployment and server setup** on **AWS EC2**, configuring **Nginx** as a reverse proxy and **PM2** for process management and application monitoring..

Drag-and-Drop Website Builder – CMS platform

[Link](#)

- Leading the development of a **custom full-stack CMS platform** that enables users to **build and publish responsive websites** through a drag-and-drop interface.
- Conducted extensive research on modern CMS architectures to design an **intuitive and scalable system** integrating **Grapes.js** for layout editing and **Quill** for advanced text editing.
- Implemented **NextAuth-based authentication alongside JWT, role-based access, and secure media management** using **Cloudinary**.
- Engineered **wildcard subdomain routing** to allow users to deploy live websites with unique URLs directly from the platform
- Developed a **blog management system** and currently working on **e-commerce integration** to extend platform functionality.
- Optimized backend APIs with **Node.js** and **PostgreSQL**, ensuring performance, scalability, and clean modular architecture.