Achyut Thapa

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PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience building scalable web applications across healthcare, e-commerce, education, transportation, and media domains. Proficient in React, TypeScript, Node.js, and modern backend stacks including Bun.js and Elysia.js. Experienced with event-driven architecture, real-time systems, and multi-vendor platform development. Comfortable owning both frontend and backend responsibilities from design to production deployment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript
Frontend: React, Next.js, Redux Toolkit, React Query, Vite, Tailwind CSS, Styled Components
Backend: Node.js, Express.js, Bun.js, Elysia.js
Databases: PostgreSQL, MySQL, MongoDB
ORM / Query: Drizzle ORM, Sequelize
Real-time / Async: WebSockets, Socket.io, Kafka, BullMQ
Auth / Validation: JWT, Zod
Tools: Git, GitHub, REST APIs

PROJECTS

Zedfo – Multi-Vendor E-commerce Platform

Full-Stack | E-commerce Marketplace | https://zedfo.com/

- Architected a scalable multi-vendor marketplace supporting multiple store registrations, product listings, and order management.
- Implemented event-driven architecture using Kafka and background job processing with BullMQ for high-throughput operations.
- Built real-time inventory and order updates via WebSockets / Socket.io.
- Developed separate Admin and Store dashboards with role-based access control.
- Designed modular backend structure using Bun.js and Elysia.js for production-grade performance.

Tech: Bun.js, Elysia.js, Drizzle ORM, Kafka, BullMQ, Socket.io, React.js, Styled Components

Shree Moksh Peeth – Spiritual Platform

Full-Stack | Religious / Community

- Built a full-stack spiritual platform connecting devotees with temples in Uttarkashi (India) and Dolpa (Nepal).
- Developed a content management system for sacred texts, prayers, and events with location-based pilgrimage guidance.
- Delivered a fully responsive UI using React and Styled Components backed by a Bun.js / Express.js API and MySQL database.

Tech: React, Styled Components, Bun.js, Node.js, Express.js, MySQL, Sequelize

TournaOP – Esports Tournament Admin Panel

Admin Dashboard | Gaming / Esports

- Built an admin system for managing PUBG and Free Fire online tournaments including match rooms and brackets.
- Implemented an in-app wallet and transaction system for entry fees and prize payouts.
- Developed leaderboards, player statistics, and a store and reward management module.

Tech: React, TypeScript, Redux Toolkit, Tailwind CSS, Node.js, Drizzle ORM, PostgreSQL

Bus Booking Admin Panel

Admin Dashboard | Transportation

- Created a centralized panel for managing bus providers, route approvals, and booking operations.
- Integrated a push notification system and real-time booking analytics dashboard.
- Built provider approval workflows (accept / reject) with location and route management.

Tech: React, TypeScript, Tailwind CSS, Node.js, Drizzle ORM, PostgreSQL

Self Apply USA – Study Abroad Platform

Frontend | Education / Study Abroad

- Developed a mobile-first platform helping international students explore and apply to US universities.
- Built an application tracking system alongside a resource library covering visa requirements and guides.

Tech: React, TypeScript, Redux Toolkit, Tailwind CSS

Inflancer Technology – Corporate Website

Frontend | IT Services

- Built a modern, SEO-optimized corporate website with interactive animations, case studies, and client showcases.
- Delivered a fully responsive design using Next.js and TypeScript for performance and maintainability.

Tech: React, Next.js, TypeScript, Tailwind CSS

Supchar – Healthcare Platform (Frontend)

Frontend | Medical Services

- Developed a clean, accessible frontend for a Kathmandu-based healthcare platform.
- Implemented doctor appointment booking and medicine ordering interfaces.

Tech: React, TypeScript, Tailwind CSS

GistFeed – News Application

Backend + Admin | Media / Content

- Built the backend and admin panel for a swipe-based short-form news platform.
- Developed a content management system with news categorization and a publishing dashboard.

Tech: Node.js, Express.js, MongoDB

Unitrack Education – Student Management Backend

Backend | Education Consultancy

- Developed a backend system managing student applications for study-abroad programs across Europe, UK, USA, and Malta.
- Handled consultancy workflow logic including country and university tracking.

Tech: Node.js, Express.js, MongoDB

Online Examination System

Full-Stack | Education

- Built a role-based exam platform for Admin, Teacher, and Student roles with JWT authentication.
- Implemented MCQ creation, real-time exam monitoring, and automatic result generation.

Tech: React, Vite, React Query, Node.js, Express.js, MongoDB, Zod