

# Ayush Chauhan

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Full-Stack Developer • Scalable Web & Mobile Apps • System Design Enthusiast

## EXPERIENCE

### AROGO AI | BACKEND DEVELOPER (INTERN)

Feb 2025 – Present | Remote / IIT Kharagpur

- Developed a responsive and dynamic front-end, seamlessly integrating it with the back-end through well-structured API calls to enhance performance and user experience.
- Designed and deployed **70+** production-grade APIs with Node.js, Express, TypeScript and PostgreSQL (Drizzle ORM), ensuring scalability, security and efficient data management.

### UNISPHERE – BML MUNJAL UNIVERSITY | BACKEND DEVELOPER (INTERN)

Aug 2024 – Jan 2025 | Manesar, Haryana

- Designed and implemented **30+** backend APIs on Firebase, providing seamless authentication, database management and real-time functionality.
- Built **50+** production-ready APIs with Node.js, Express, TypeScript and PostgreSQL, following solid system-design principles to maximise performance, scalability and maintainability.

## PROJECTS

### CODEPAPER (COMING SOON) | NEXT.JS, VERCEL AI SDK, Go

Under Development

- SaaS platform for saving, iterating, and generating code snippets with AI-driven workflows. Front-end in **Next.js** with extensive animations; AI features powered by the **Vercel AI SDK**.
- High-performance **Go** back-end delivers scalable APIs and real-time generation services.

### FULL-STACK RUST NOTES APP | RUST, ACTIX-WEB, SQLX,

POSTGRESQL, NEXT.JS, TAILWIND CSS

2024 | GitHub -: rust-postgres-crud-sqlx

- Developed a full-stack notes application with a Rust backend (**Actix-web**) and a **Next.js** frontend.
- Added real-time updates, categorization, pagination, and robust error handling.
- Optimised database interactions via **SQLx** with **PostgreSQL**, achieving millisecond-level query latency.

### ANIMEXSCHOOL E-COMMERCE | NEXT.JS, TAILWIND CSS, CLERK, STRIPE

GitHub -: AnimeXschool

- Built an anime-themed e-commerce store with **Next.js** and a modern UI using **Tailwind CSS**. Integrated **Clerk** for user authentication and **Stripe** for secure online payments.
- Implemented product listing, cart management, and a seamless checkout flow.

### TRAVEL BLOG PLATFORM | NEXT.JS, POSTGRESQL

2024 | GitHub -: travelblogv2

- Built a travel blog platform featuring secure authentication and rich content-management tools.
- Leveraged **PostgreSQL** for structured content storage and fast retrieval.
- Enables users to create, edit, and manage blog posts efficiently.

## EDUCATION

### BML MUNJAL UNIVERSITY

B.TECH. COMPUTER SCIENCE

Sept 2022 – Present

### ST. JEROME'S COLLEGE

PRE-UNIVERSITY (12<sup>TH</sup>)

2021 – 2022 | Bangalore

## SKILLS

### LANGUAGES

C++ • Rust • Go • TypeScript • Java • JavaScript • Python • HTML/CSS

### FRAMEWORKS

Actix-web • Axum • Next.js • Vue.js • React • React Native • Express • Node.js • Spring Boot

### DATABASES

PostgreSQL • Redis • MongoDB • MySQL / MariaDB • SQL Server • Qdrant • Pinecone

### TOOLS & PLATFORMS

Linux • Git/GitHub • Jenkins • Docker • Vercel • Heroku • AWS • Azure • GCP • DigitalOcean • Postman

## ACHIEVEMENTS

Created **UniSphere** (in-house college app)

**Technova** - ChronoQuest Winner

**SIH** – Internal Clearance '23 & '24