

Aayush Meena

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in Aayush Meena 🔗 AM730-byte

Summary

Backend-focused developer with hands-on experience building scalable REST APIs, authentication systems, and real-time applications using Node.js, PostgreSQL, and Prisma. Strong understanding of system design, data flow, and API architecture, with ability to build and deploy production-ready applications.

Experience

COPs, Core Member

- Regularly participate in programming contests such as Code forces, AtCoder and CodeChef improving algorithmic thinking and problem-solving speed.
- Contributed to the organizing of BitCode, the campus hackathon

GDGC, Core Member

- Contribute to the creation of technical content for event promotion, collaborating with design and marketing teams to ensure brand consistency and clarity.
- Contribute to the development of web assets for society events, including websites and designs.

Projects

Workout Tracking Backend System

Workout [🔗](#)

- Designed and built a full REST API for workout tracking including sessions, exercises, and set logging
- Modeled relational database using PostgreSQL and Prisma with optimized relations and queries
- Implemented secure JWT authentication with middleware-based route protection
- Built structured backend architecture with routes, controllers, and validation (Zod)
- Added filtering, relational queries, and efficient data retrieval for real-world usage
- Deployed backend using Railway and integrated with frontend for end-to-end flow

Praxis 2.0 – AI/ML Hackathon Website

Praxis 2.0 [🔗](#)

- Built responsive event landing page using Next.js and Tailwind CSS
- Implemented performance-aware UI rendering based on device capability

2dMetaverse – Real Time Multiplayer Virtual Workspace

2D Metaverse [🔗](#)

- Built a real-time multi-user environment using WebSockets with
- synchronized player movement and session handling
- Implemented reconnect logic and room lifecycle management for stable multi-user experience
- Integrated WebRTC-based voice communication with STUN/TURN fallback
- Focused on system integration, event handling, and real-time data flow

Technologies

Programming: C++, C, JavaScript, Python

Backend Node.js, Express, Prisma, PostgreSQL, MongoDB

Frontend React.js, Next.js, Tailwind

Tools Git, Railway, Vercel

Education

Aug 2024 – Aug 2028

G.B. Pant Dseu Okhla -1, Delhi | B.Tech in Computer Science | 1st Year