

Manuj Dixit

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EXPERIENCE

TrueScholar Pvt Ltd

May 2025 – Present

Software Development Engineer (SDE) Intern

- Designed scalable database schemas and queries, reducing API response times by 40%, serving 30k+ monthly visitors.
- Developed reusable custom React hooks, implemented query caching with React Query, and optimized API integrations.
- Built a custom CMS that enabled content writers and admins to manage content efficiently.
- Integrated an AI-powered chatbot to assist visitors, improving engagement and reducing support queries.

Cohyve

March 2025 - April 2025

Frontend Developer Intern

- Developed authentication system with JWT access tokens, refresh tokens, OTP verification, and password reset functionality, handled with axios interceptors.
- Built robust media upload tool with drag-and-drop functionality supporting AWS S3 and Google Storage.
- Implemented background service workers for push notifications for better ux.

Seetaara

September 2024 - November 2024

Junior Developer

- Created hexagonal architecture backend in Golang, enabling seamless future migration to microservices.
- Integrated Firebase Cloud Messaging and Razorpay payment gateway, with token refresh mechanisms resulting to 95% successful notification delivery rate and processing 1,000+ monthly transactions.
- Engineered high-throughput REST APIs achieving 60% latency reduction through optimized PostgreSQL database normalization, and query optimization.

PROJECTS/WORKS

Interviewer

[Live](#) | [GitHub](#)

- *Tech stack:* Next.js, Google Gemini API, Clerk, AWS Speech-to-Text API, Drizzle ORM, PostgreSQL
- Conducted 200+ AI-powered mock interviews with real-time feedback and performance analytics.
- Implemented voice-based interactions using AWS Speech-to-Text API for realistic interview simulation.

PickMyUni

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- *Tech Stack:* Prisma ORM, PostgreSQL, Nextjs, Expressjs, TailwindCSS, Shadcn
- Developed a college/course recommendation platform supporting advanced filtering and dynamic queries.
- Implemented query caching and virtualisation for smoother navigation of large datasets.
- Optimized server-side rendering (SSR) in Next.js for faster initial page loads..

SKILLS

React, Nextjs, Nodejs, Expressjs, Nestjs, Postgresql, MongoDB, Redis, AWS, Docker, Git, TypeScript, JavaScript, Redux, HTML, CSS, TailwindCSS, Shadcn UI, REST APIs, Golang, Python, Prisma, Linux, Firebase, Razorpay, CI/CD

ACADEMIC BACKGROUND

Institute of Engineering and Rural Technology

Prayagraj, India

Bachelor of Technology, Computer Science and Engineering

EXTRACURRICULARS

- Achieved 2nd Runner-up position at Webethon 2023 hackathon organized by GDSC IERT.
- Served as Web Developer for GDSC IERT, contributing to club's technical initiatives and event organization.
- Successfully completed Hacktoberfest 2022 with 6 contributions to open-source repositories.