

YOGESH KUMAR SAI

✉ yogesh01041961@gmail.com

📍 Gurugram, Haryana

🌐 [w3yogesh](#)

🔗 [w3yogesh](#)

EXPERIENCE

• Antino Labs

Jun 2025 – Jul 2026

Associate Software Developer

Gurugram

- Built and shipped core backend systems for **Stackd**, a smart vending platform serving **375K+ registered users**, **22K+ MAU**.
- Designed and implemented REST APIs supporting **10K+ daily orders** across inventory, wallets, refunds, and vending machine operations using **NestJS, PostgreSQL, Redis, and TypeORM**.
- Parallelized the inventory reservation workflow using asynchronous processing, reducing multi-item order API latency from **~1.5s to ~200ms (87%)**.
- Redesigned reporting queries and optimized database execution flow, reducing API response time from **6+ minutes to 5-6 seconds (98%)**.
- Improved the end-to-end order workflow, reducing average order completion time from **~2 minutes to ~50 seconds (58%)**.
- Optimized PostgreSQL queries through indexing, pagination, and execution-plan tuning across 5+ high-traffic API endpoints, reducing database load.
- Enhanced production web and mobile applications using **React.js** and **React Native**, collaborating with backend teams to deliver end-to-end features.

EDUCATION

• Motilal Nehru National Institute of Technology Allahabad

Aug 2022 – Jul 2025

Master of Computer Applications

CPI: 7.4

PERSONAL PROJECTS

• Hichat | GitHub | Live [🔗](#)

Mar 2024

Designed and developed a scalable communication platform featuring real-time messaging, group chats, and audio/video calling.

- Engineered bidirectional real-time messaging using WebSockets and Socket.io.
- Integrated audio/video calling with the ZegoCloud API.
- Built role-based groups, user profiles, and push notifications.
- **Technologies:** Node.js, React.js, Express.js, MongoDB, Socket.io, AWS
- **Achievements:** Secured a position within the top 7 teams in a competitive tech fest.

• DeepLink | GitHub | Live [🔗](#)

Nov 2023

Professional networking platform for career networking and community engagement.

- Engineered a professional networking platform with 5+ core modules, including user profiles, job search, post sharing, and messaging.
- Developed a WebSocket-powered messaging system for real-time user interactions.
- Implemented secure authentication using JWT and Google OAuth.
- **Technologies:** Node.js, React.js, Express.js, MongoDB, Socket.io, AWS
- **Achievements:** Secured top 10 ranking in a college-level competition.

TECHNICAL SKILLS

Backend: Node.js, NestJS, Express.js, REST APIs, Socket.io

Databases: PostgreSQL, Redis, MongoDB

Languages: JavaScript, TypeScript, SQL, C/C++

Frontend: React.js, React Native

ORM & Data Access: TypeORM

Developer Tools: Git, GitHub, Postman, VS Code

ACHIEVEMENTS

- **Top 25** among 150+ teams for the offline event Hack36 (36-hour Hackathon). Apr 2024
- **Finalist** in DEV OR DIE (Avishkar) - Annual Tech Fest - MNNIT Allahabad. Mar 2024
- **Top 10** in CodeSangam (Webster) - Annual Tech Fest - MNNIT Allahabad. Nov 2023
- **Top 5** in DEVJAM - A project-based competition at MNNIT Allahabad. Mar 2023