

# Yash Agrawal

Email | X | Portfolio | LinkedIn | GitHub |

## SUMMARY

Product-minded Full Stack and Backend Developer experienced in building scalable systems, AI-powered platforms, and real-time applications. Contributed across engineering and product roles, including scaling a platform from 0 to 190k users.

## EDUCATION

### **BITS Pilani**

*B.Sc. in Computer Science*

**Expected May 2027**

### **Scaler School of Technology**

*Industry-led Computer Science Program*

**Ongoing**

*Bangalore, India*

## EXPERIENCE

### **Product Manager / Engineer**

*MegaLLM.io*

**Oct 2025 – Present**

- Scaled the platform from 0 to 190k users via distribution, rapid iteration, and community-led growth
- Managed teams and handled frontend/backend bug triage and API debugging

### **Full Stack Developer Intern**

*Matiks.com*

**Jul 2025 – Sept 2025**

- Built daily questions system with streak tracking and live chat using WebSockets
- Developed backend services using Go (Gin-Gonic), TypeScript, and MongoDB

### **Full Stack Developer / Research Analyst**

*Health Nivaran*

**Feb 2025 – Sept 2025**

- Developed healthcare solutions and optimized WhatsApp chatbot workflows

### **Frontend Developer / Technical Writer**

*MagnumKare (Remote)*

**Jun 2024 – Jan 2025**

- Built responsive healthcare portals and authored technical documentation

## PROJECTS

### **URL Shortener with Rate Limiting**

*Node.js, Redis, Docker, REST APIs*

**GitHub**

- Built a scalable URL shortening service with Redis-based IP rate limiting
- Containerized the backend using Docker for consistent deployments

### **AlgoWars – Competitive Coding Duel Platform**

*System Design, Backend Architecture*

**MVP / Concept**

- Designed a 1v1 coding platform with rating-based matchmaking
- Planned a VJudge-style problem aggregation approach

### **Chatify – Real-Time Chat Application**

*MERN Stack, Socket.io*

**Live | GitHub**

- Implemented real-time messaging with JWT authentication and presence tracking

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Go, SQL

**Backend:** Node.js, Express, Gin-Gonic, MongoDB, Redis, WebSockets

**AI:** LLM APIs, chatbot workflows

**Tools:** Git, Docker, Vercel, API design, middleware

## ACHIEVEMENTS

- Qualified Scaler NSET 2024 with 100% Learnability score
- House Captain and Basketball Team Captain