

# Yash Agrawal

Email | X | Portfolio | LinkedIn | GitHub |

## SUMMARY

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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

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<b>BITS Pilani</b> <i>B.Sc. in Computer Science</i>	<b>Expected May 2027</b>
<b>Scaler School of Technology</b> <i>Industry-led Computer Science Program</i>	<b>Ongoing</b> <i>Bangalore, India</i>

## EXPERIENCE

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<b>Product Manager / Engineer</b> <i>MegaLLM.io</i>	<b>Oct 2025 – Present</b>
– 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	
<b>Full Stack Developer Intern</b> <i>Matiks.com</i>	<b>Jul 2025 – Sept 2025</b>
– Built daily questions system with streak tracking and live chat using WebSockets	
– Developed backend services using Go (Gin-Gonic), TypeScript, and MongoDB	
<b>Full Stack Developer / Research Analyst</b> <i>Health Nivaran</i>	<b>Feb 2025 – Sept 2025</b>
– Developed healthcare solutions and optimized WhatsApp chatbot workflows	
<b>Frontend Developer / Technical Writer</b> <i>MagnumKare (Remote)</i>	<b>Jun 2024 – Jan 2025</b>
– Built responsive healthcare portals and authored technical documentation	

## PROJECTS

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<b>URL Shortener with Rate Limiting</b> <i>Node.js, Redis, Docker, REST APIs</i>	<b>GitHub</b>
– Built a scalable URL shortening service with Redis-based IP rate limiting	
– Containerized the backend using Docker for consistent deployments	
<b>AlgoWars – Competitive Coding Duel Platform</b> <i>System Design, Backend Architecture</i>	<b>MVP / Concept</b>
– Designed a 1v1 coding platform with rating-based matchmaking	
– Planned a VJudge-style problem aggregation approach	
<b>Chatify – Real-Time Chat Application</b> <i>MERN Stack, Socket.io</i>	<b>Live   GitHub</b>
– Implemented real-time messaging with JWT authentication and presence tracking	

## TECHNICAL SKILLS

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**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

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