Yash Garg

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Profile

Computer Science Engineering graduate focused on building practical products with AI-assisted tools and automation. Experienced in turning ideas into working, deployed systems by combining AI workflows, APIs, cloud services, and thoughtful product design. Built an exchange-filings alert platform and an automated, source-backed AI news publication with emphasis on reliability, clear user experiences, and responsibly generated content.

Education

Bachelor of Technology in Computer Science — GPA: 7.6
JECRC University, Jaipur — 2022 - 2026
Senior Secondary (PCM) — 86%
S.R International Academy, Nadbai — 2021
Secondary School — 92%
S.R International Academy, Nadbai — 2019

Skills

Foundations: HTML, CSS, JavaScript, Operating Systems, Computer Networks
Product Development: workflow design, rapid prototyping, API integration, responsive interfaces
Tools Used in Projects: React, Node.js, Express.js, Supabase/PostgreSQL, Docker, Azure, Git/GitHub
Automation: AI-assisted product development, prompt design, source-based research workflows, automated validation

Projects

Exchange Filings Alert – Filings Alert Platform | exchangefilings.tech

- Built a platform that monitors NSE filings for companies on each user's watchlist and delivers source-linked email alerts.
- Designed an automated pipeline that separates rapid filing capture from document processing, AI-assisted summaries, and notification delivery.
- Added durable queues, atomic alert creation, duplicate protection, retry logic, worker heartbeats, and crash recovery to reduce missed or repeated alerts.
- Created a responsive dashboard for watchlists, filing activity, and notification controls; deployed the web and worker services on Azure using Docker and Caddy.

Signal AI News Platform - Autonomous AI Publication | signal.yashgarg.me

- Built an autonomous AI-news workflow that checks trusted sources on a schedule, researches meaningful updates, drafts source-backed articles, and creates one lead image per story.
- Designed safeguards for source attribution, duplicate stories and images, unsupported claims, and failed runs before publication.
- Generated crawlable article pages with canonical metadata, structured NewsArticle data, RSS, XML and News Sitemaps, plus transparent editorial and trust pages.
- Connected GitHub publishing to Azure Static Web Apps so accepted stories update the live site automatically while static delivery keeps hosting lightweight.

Certifications

- Google Cloud Foundations
- Financial Institutions and Markets
- Commercial Banking and Fintech

Achievements

- Built and deployed two end-to-end AI-assisted products: Exchange Filings Alert and Signal AI News Platform.
- Designed automated validation and reliability checks so generated content, images, and alerts are checked before publication or delivery.