

KUSHAGRA AGNIHOTRI

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FULLSTACK DEVELOPER

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Portfolio: kushagra-aa.vercel.app

Summary

Full-stack developer with **3.5+** years of experience building and owning production systems using **TypeScript, Node.js, and Python**. Strong focus on backend architecture, APIs, authentication, integrations, and performance. Experienced in solo ownership of features and end-to-end delivery across startups and remote teams.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), Python, SQL, GO

Frontend: React.js, Next.js, Zustand, Shadcn/UI, TailwindCSS, PostCSS

Backend Systems: Node.js, Hono, Django, REST APIs, Auth (JWT/OAuth)

Databases: PostgreSQL, MySQL, MongoDB (schema design, indexing)

Infra/Edge: Cloudflare Workers, Vercel, AWS, Docker, CI/CD

Concepts: RESTful APIs, GraphQL, Testing (Jest, Mocha)

Work Experience

JavaScript Developer, Solvative (Remote)

May '24 – Present

- Sole developer for a fullstack client dashboard, delivering **real-time insights** and reducing client reporting overhead by **25%**.
- Designed and owned backend APIs using **Hono and Next.js**, including authentication, role-based access, and edge execution via Cloudflare Workers to meet low-latency and up-time requirements.

Freelance Software Developer, Aerosync (Remote)

Dec '23 – May '24

- Designed Architecture for a scalable Educational Institute Application, increasing students by **55%**.

Software Development Engineer, UnOrg Vendor Solutions (Lucknow)

Dec '22 – Oct '23

- Designed and developed vendor management tools using React/TypeScript/Django, reducing manual data entry errors by **40%** and streamlining multi-step workflows.
- Worked directly with non-technical stakeholders to deliver the desired results.
- Led dashboard development with **Next.js**, focusing on performance optimization for data visualization and reporting features.

Junior Programmer, Rozgaar India, Lucknow

Jun 2022 – Nov 2022

- Developed and optimized backend modules using **Django** and **MySQL**, including REST APIs and authentication flows for a sales-warehouse management system, resulting in a **40% increase in sales efficiency** and reduced warehousing overhead.
- Built and integrated **third-party API and OAuth-based portals** for the marketing team, enhancing automation and boosting campaign productivity by **70%+**.
- Implemented integrations with major platforms such as **Meta, LinkedIn, YouTube, and X (Twitter)** to enable unified data and analytics tracking.

Web Development Intern, Tamasha.live (Remote)

Dec '21 – Mar '22

UI Developer Intern, TrendAI (Remote)

May '21 – Nov '21

Certifications

Stripe Associate Architect Certification,

2025 – 2027

Projects

VS Code Extensions: **Dr Text** and **Wrap It** these enhance a developer's text editing workflows.

HiredToBe (2025): A job hunt tracker that I am developing from end to end. Built using **Mono Repo** structure with latest serverless technologies like: **Hono**, **ReactJS**, **TypeScript**, **ShadCN**, **Drizzle**, **Cloudflare D1**. Helping users stay organized during their job hunt.

PennyWise (2025): A Local-first PWA helping users keep track of their finances. Built using **SolidJS**, **Tailwind**, **Vite**. Implementing **Local-first** architecture along with an opt-in Cloud Tier.

Portfolio: More details about my projects can be found **Here**: kushagra-aa.vercel.app/projects.

Education

Shri Ramswaroop Memorial College of Management

Lucknow, India

Bachelor of Computer Applications

2019 – 2022