KUSHAGRA AGNIHOTRI

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*