Anuj Gupta

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Work Experience

Software Engineer
Sourgum

June 2025 – Present
Jersey City, NJ (Hybrid)

- Developed and launched the complete **Portable Toilet Service Line**, building the backend in **Golang** with a service-handler architecture and the frontend in **React + TypeScript**, enabling the onboarding of Sourgum's largest hauler, **Griffin Wayste**.
- Redesigned system architecture by consolidating **25+** over-engineered microservices into **6** domain-oriented services, reducing debugging time by **40%** and improving code clarity and deployment stability across the engineering org.
- Unified **20+** isolated **React** components across Sourgum and Wayste into a **shared UI component library**, improving development velocity, reusability, and design consistency across multiple platforms.
- Rebuilt the company's entire marketing site (**sourgum.com**) using **Astro**, **React**, and **Framer Motion**, significantly improving **Core Web Vitals**, accessibility, SEO ranking, and lead conversion rates.

Full Stack Software Engineer
Cyber Dive

Apr. 2022 – Apr. 2025
Mesa, AZ (Remote)

- Architected and maintained a robust **React + TypeScript** component library adopted by **3+** feature teams, standardizing design patterns and accelerating product delivery across the platform.
- Built a real-time app alert system using **Node.js**, **AWS Lambda**, and **DynamoDB**, increasing weekly active usage by **30%** and becoming a flagship user engagement feature.
- Led development of a scalable **Shared Dashboard** platform used across customer personas, mentoring junior engineers and driving technical planning with product and design.

Software Engineer Intern
Presently

June 2020 – Aug. 2020
New York, NY

- Built backend messaging logic supporting real-time communication in a collaborative gifting experience using **Python** and **JavaScript**.
- Collaborated with design and product teams to refine user flows and enhance UI interactions for smoother experiences.

Technical Skills

Languages: JavaScript, TypeScript, Go, Python
Frontend: React, Next.js, Astro, Redux, Tailwind, GraphQL, Framer Motion
Backend: Node.js, Express.js, Go (REST APIs)
Dev Tools & Other: AWS (Lambda, S3, DynamoDB), Docker, Git, SQL (PostgreSQL), NoSQL (DynamoDB), Jest, Cypress, Vercel, Cursor

Projects

MentorBridge

In Progress

- Building a mentorship platform connecting mentors and mentees for paid **1:1 video sessions** with integrated **chat**, **scheduling**, and **payments**.
- Developing a full-stack application using **Next.js**, **React**, **TypeScript**, and **Node.js** with real-time communication via **WebSockets**, state management using **Zustand**, and data persistence in **PostgreSQL**.

Education

Syracuse University
B.S. in Systems and Information Science

Syracuse, NY
2017 – 2021