

Sohum Dalal

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Skills & Technologies

Languages: JavaScript ES6+, Python, Go, Java, HTML5/CSS3, SQL

Frameworks/Libraries: React, Next.js, Node.js, Fastify

Tools: Kubernetes, Docker, AWS, Git, Postman, Claude, Codex

Skills: Architecture, Agent Control, Version Control, Wire-framing, Software Testing, Agile/Scrum Ownership

Professional Experience

Software Engineer

May 2025 - Present

Postman / Astropods

New York, NY

- Core engineer on a 5-person team building Astro, Postman's agent platform, delivered the agent control plane for governance, orchestration, and lifecycle management of distributed AI agents.
- Built the end-to-end product experience across agent management UI, CLI tooling, in-app chat, and discovery surfaces, translating platform primitives into user-facing workflows.
- Architected production messaging and observability (Langfuse, Slack) for real-time tracking of token usage, latency, cost, and execution health; developing guardrails and eval frameworks for agent reliability and safety.
- Core engineer on the Postman API Network; led the publisher feeds redesign, built the Publisher Dashboard (12K MAU), and drove the Publisher Analytics rebuild — sustaining a 115% MAU increase since August 2025.
- Early engineer on Postman Atlas; system-designed an LLM-driven doc scraping pipeline to auto-generate API collections — built to index every public API in the world on Postman.

Lead Technical Instructor (Contract)

Jan 2025 - Present

RFCUNY / Tech-Talent Pipeline

New York, NY

- Designed and delivered Python-centric curriculum covering core computer science topics – Data Structures, OOP, and Systems Design, tailored to technical interview preparation
- Designed and delivered JavaScript-centric curriculum covering core under-the-hood topics – Prototypes, Higher Order Functions, Functional Programming, Closures – in preparation for entry level web development roles
- Crafted 30+ hands-on activities designed around real-world coding challenges and mock interview scenarios
- Provided technical mentorship through office hours, resume workshops, and mock interviews, helping students improve their technical communication, problem solving strategies, and coding performance
- Organized guest speaker sessions with industry professionals to provide insights into hiring processes & best practices

Software Engineer / Instructor (Part-time)

March 2024 - Jan 2025

The Coding Space

New York, NY

- Maintain WoofJS educational gaming platform – owning 20+ reusable, visual building blocks for student development
- Enhanced WoofJS testing coverage by 10%, with a specific emphasis on rendering accuracy and accessibility features
- Optimized collision detection with a quadtree, implemented A* pathfinding for intelligent sprite movement, and overhauled the event handling system with a custom event queue
- Adjusted frontend leveraging Figma prototypes; delivering animated code demos before introducing coding tutorials

Application Developer

May 2022 - Aug 2023

Union Square Hospitality Group

New York, NY

- Improved supply chain efficiency by cutting order-to-delivery time ~45%. Accomplished by revamping existing inventory system to include text-based recipe parsing, unit conversion algorithms, and automated communication to vendors
 - Eliminated 1000+ lines of JavaScript code, – implementing caching solutions, leveraging native JavaScript features
 - Began cloud migration – transitioning legacy VPN structure, migrating core compute processes to AWS suite of products (S3, Redshift, CloudFormation), resulting in ~40% reduction in round-trip latency
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Education

- University of Colorado, Boulder | M.S Computer Science (In-progress)
- University of California, Los Angeles | B.S Mathematics/Economics