Jack Lot Raghav

New York, NY • (484)744-7609 • JLOT@hey.com • TheModernCoder.com

Software Engineer & Engineering Manager with 10 years of experience building web applications, leading teams, and teaching developers. A senior-level full-stack generalist.

Skills

Front-end: JavaScript & frameworks (React, Redux, Gatsby) • HTML, CSS, Compiled CSS (SASS)
Back-end: Ruby on Rails • Relational databases (SQL) • Headless CMS (Contentful) • API design (REST, GraphQL)
System design & architecture: Cloud infrastructure (AWS) • CI/CD • Service-oriented architecture
Tools & Misc.: AI-assisted development (Claude Code, Cursor) • Graphic design (Sketch) • Video production (Final Cut Pro)

Experience

JAN 2023 – PRESENT
Founding Engineer & Instructor | LearnGit.io (The Modern Coder Group LLC) | New York, NY

Designed and built LearnGit.io, a learning platform with animated video lessons, interactive exercises, and visualizations. Used by 1.3k educators and individual learners. Grew YouTube channel to 44k subscribers and newsletter to 2.2k readers. Developed with React, Gatsby, and Contentful (CMS). Integrated payments, authentication, video streaming, analytics, and email automation. Created a semi-autonomous coding pipeline (Claude Code CLI) where agents pull issues, implement code changes in sandboxed environments, and open PRs with documented reasoning. Designed so I could inspect, run, and test any agent's work in progress.

AUGUST 2019 – JULY 2022
Software Engineering Manager L6 | Amazon.com (AWS) | New York, NY

Contributed to the vision, strategy, and roadmap for Amazon's video-on-demand and live-streaming platforms—serving 1MM+ customers and 15MM+ views monthly. Managed a distributed team (NYC, SEA) of software engineers, both remote and in-person, while growing the team from 3 to 7 engineers. Collaborated across engineering, business, customer, and senior leadership to deliver high-quality product experiences.

AUGUST 2015 – AUGUST 2019
Software Engineer L5 | Amazon.com | Seattle, WA

Designed, built and maintained scalable, distributed systems using ReactJS, Ruby on Rails, AWS cloud infrastructure, Elasticsearch etc. to intake and analyze digital survey data for 350k customers generating 100MM+ records. Collaborated cross-functionally to design, scope, and prioritize engineering work. Owned automated testing, monitoring, and on-call for production services. Served as tech lead to mentor junior engineers, built sprints, review code/system designs, maintain deployment infrastructure, and interface with VP-level leadership.

Education

B.S. Computer Science | University of Maryland | College Park, MD