

ALEX KUMAR

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Portfolio: alexkumar.io | GitHub: @alexk | LinkedIn: /in/alex-kumar

PROFESSIONAL SUMMARY

Full-stack developer with 7+ years building scalable web applications. Expert in JavaScript/TypeScript, React, Node.js, and cloud architecture. Led teams of 5-10 engineers. Passionate about clean code & UX.

TECHNICAL EXPERTISE

Languages: JavaScript, TypeScript, Python, Java, Go, SQL

Frontend: React, Next.js, Vue.js, Angular, Redux, TailwindCSS, Material-UI

Backend: Node.js, Express, NestJS, Django, FastAPI, Spring Boot

Databases: PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, DynamoDB

Cloud/DevOps: AWS (Lambda, ECS, S3, CloudFront), Docker, Kubernetes, Terraform, Jenkins

Tools: Git, JIRA, Figma, Postman, GraphQL, REST APIs, WebSocket

PROFESSIONAL EXPERIENCE

Lead Software Engineer | TechCorp Global Inc. | 2021 - Present

San Francisco, CA

- Led architecture redesign reducing API latency from 500ms → 80ms (84% improvement)
- Managed team of 8 engineers across 3 time zones (US, Europe, Asia)
- Implemented CI/CD pipeline increasing deployment frequency from weekly → daily
- Built microservices architecture handling 10M+ requests/day
- Tech: React, Node.js, PostgreSQL, Redis, AWS (ECS, Lambda, S3), Docker, Kubernetes

Key Achievement: Designed real-time collaboration feature (like Google Docs) used by 100K+ users



Senior Full-Stack Developer | StartupXYZ (Acquired by BigTech) | 2018 - 2021

New York, NY

- Core team member (employee #5) that grew product from 0 → 500K users
- Built customer dashboard with 95% satisfaction score (measured via NPS)
- Integrated payment system (Stripe) processing \$2M+ monthly transactions
- Optimized database queries reducing load time by 60%
- Tech: Next.js, TypeScript, GraphQL, MongoDB, AWS (S3, CloudFront, Lambda)

Key Achievement: Led development of MVP that secured \$5M Series A funding



Software Engineer | E-Commerce Giant | 2016 - 2018

Seattle, WA

- Developed product recommendation engine increasing conversion by 25%
- Built A/B testing framework used by 20+ teams across organization
- Mentored 3 junior engineers through code reviews & pair programming
- Tech: React, Redux, Node.js, Java, MySQL, Redis, Elasticsearch



Junior Developer | Digital Agency | 2015 - 2016
Austin, TX

- Developed responsive websites for 15+ clients (retail, healthcare, finance)
- Collaborated with designers using Figma/Sketch for pixel-perfect implementation
- Tech: HTML, CSS, JavaScript, jQuery, WordPress, PHP

EDUCATION

Master of Science in Computer Science | University of Texas at Austin | 2013 - 2015

Specialization: Distributed Systems & Machine Learning | GPA: 3.9/4.0

Thesis: "Optimizing Distributed Query Processing in Large-Scale Databases"

Bachelor of Engineering in Computer Science | Indian Institute of Technology | 2009 - 2013

GPA: 3.8/4.0 | Dean's List (all semesters)

CERTIFICATIONS & AWARDS

- ✓ AWS Certified Solutions Architect - Professional (2023)
- ✓ Google Cloud Professional Cloud Architect (2022)
- ✓ Microsoft Certified: Azure Developer Associate (2021)
- ✓ Certified Kubernetes Administrator (CKA) (2020)
- ✓ "Top 1% Developer" - Stack Overflow (2019-2024)
- ✓ 1st Place - TechCrunch Hackathon San Francisco (2019)

OPEN SOURCE & SIDE PROJECTS

- React-Query-Builder - NPM package with 50K+ weekly downloads (Maintainer)
- Next.js Boilerplate - Starter template with 5K+ GitHub stars (Creator)
- Contributor to: React.js, Node.js, TypeScript, Jest (100+ merged PRs)
- Tech Blog: alexkumar.io/blog - 50K+ monthly readers on web development topics

LANGUAGES

English (Native) | Spanish (Professional) | Hindi (Native) | Mandarin (Basic)