

Karthik Srinivasan

· CoFOUNDER & CHIEF TECHNOLOGY OFFICER ·

Seattle, Washington, USA

☎ (+1) 213-4404492 | ✉ karthiksrinivasan.usc@gmail.com | 🏠 karthiks.info | 📱 karthiksrinivasan | 🌐 karthiksrinivasan23

Experience

WingWork, Inc.

Seattle, WA

CO-FOUNDER & CHIEF TECHNOLOGY OFFICER

March 2023 - Present

- Spearheaded Wingwork's founding, securing \$4.5M funding; acquired 3 enterprise customers in first 6 months, growing to 20+ total.
- Launched MVP in 4 months; validated product-market fit across multiple aviation segments with 90%+ client retention.
- Drove technical demos and customer success initiatives resulting in early renewals and strong referrals.
- Engineered AI document search saving mechanics 5-8 hours weekly (250-400 hours annually) across client operations.
- Built founding engineering team fostering rapid iteration, scalable architecture, and customer-led development.
- Architected maintenance tracking, document hub, and multi-tenant RAG-based AI assistant for compliance.
- **Technologies:** TypeScript, React, GraphQL, PostgreSQL, AWS, Prisma, Cloudflare, Supabase, RedwoodJS (legacy)

Meta Platforms (Facebook)

Menlo Park, CA

SENIOR SOFTWARE ENGINEER

April 2020 - March 2023

- Reduced advertiser support costs by 60% through innovative AdsManager tools, boosting retention rates.
- Unified codebase across 17+ products, enhancing cross-product functionality.
- Led team transition during company-wide reorganization with zero productivity loss.
- Built data platform reducing metric time-to-market by 75%, improving UX and privacy controls.
- Led privacy initiative across 80+ teams ensuring regulatory compliance and data protection.
- Mentored 40+ new hires, accelerating onboarding and fostering knowledge sharing.
- **Technologies:** Hack, React, GraphQL, Presto

Rubrik, Inc.

Palo Alto, CA

SENIOR SOFTWARE ENGINEER

Jan 2018 - April 2020

- Built automated code validation workflow reducing build breakages by 90%.
- Reduced code validation latency by 75% through remote execution implementation.
- Orchestrated migration of 20+ build/test workloads to cloud, creating robust disaster recovery across multiple services.
- Engineered custom Jenkins plugin enhancing developer experience with seamless test verification pipeline integration.
- **Technologies:** Python, Jenkins, AWS, MSSql, Django, Celery

Imagination Technologies

Santa Clara, CA

SOFTWARE DESIGN ENGINEER

July 2015 - Jan 2018

- Developed web-based control center for FPGA emulation platform management, serving 10+ cross-functional teams.
- Implemented continuous validation framework for MIPS CPU testing, enabling more frequent releases.
- Implemented and maintained CI/CD pipelines using Buildbot/Jenkins for FPGA builds.
- Boosted platform utilization by 75% and doubled throughput through process optimization.
- **Technologies:** Python, JavaScript, Python-Flask, Buildbot, Jenkins

Technical Skills

Product Engineering	Full-Stack Development, System Design, API Architecture, Scalability, Security, B2B SaaS
Programming Languages	TypeScript, Python, JavaScript, SQL, GraphQL, Hack, C++, Java
Frameworks & Libraries	React, Next.js, RedwoodJS, Django, Flask, Celery
Cloud & Infrastructure	AWS, Docker, Kubernetes, Terraform, Github Actions, Netlify, Cloudflare
DevOps & QA	CI/CD, Monitoring, Automated Testing, Resilience Engineering, Observability
AI Integration	RAG Systems, Multi-Agent Systems, OCR, Document Intelligence, Prompt Engineering
Leadership	Technical Vision, Team Building, Fundraising, Go-To-Market Strategy, Cross-functional Execution

Education

University of Southern California

Los Angeles, US

MASTERS IN COMPUTER SCIENCE

May 2015

University of Edinburgh

Edinburgh, UK

BACHELORS OF ENGINEERING IN COMPUTER SCIENCE WITH HONORS

May 2012