

Karthik Srinivasan

· CoFOUNDER & CHIEF TECHNOLOGY OFFICER ·

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Education

University of Southern California

Los Angeles, US

MASTERS IN COMPUTER SCIENCE

May 2015

- Course Grader: Computer Graphics, and Introduction to Robotics
- App Developer (iOS/Web): School of Psychology

University of Edinburgh

Edinburgh, UK

BACHELORS OF ENGINEERING IN COMPUTER SCIENCE WITH HONORS

May 2012

- Consistent Performance Award from IBM for System Design Project 2011, Robotic Football
- Professional Member in British Computer Society

Experience

WingWork, Inc.

Seattle, WA

CO-FOUNDER & CHIEF TECHNOLOGY OFFICER

March 2023 - Present

- Launched Wingwork, a private aviation SaaS, with \$1M pre-seed funding from Fractal Ventures.
- Fast-tracked the product development to gain three customers in four months.
- On track to secure an additional \$4M in the seed round, demonstrating compelling investor relations.
- Built and led a top-performing founding engineering team driving our technological achievements.
- Guiding the company towards achieving SOC2 Type 2 compliance, underscoring a commitment to data security.
- Developed a scalable, cloud-based platform that supports the needs of the private aviation industry.
- Pioneered the technology strategy, fostering the successful development of industry-specific SaaS solutions.
- **Technologies:** RedwoodJS, GraphQL, AWS, Postgres, React, Typescript

Meta Platforms (Facebook)

Menlo Park, CA

SENIOR SOFTWARE ENGINEER

April 2020 - March 2023

- Built tools reducing advertiser support cost by 60% on AdsManager, enhancing user retention.
- Streamlined codebase across 17+ products for unified offerings.
- Actively led and executed team transition to a new location during re-organization.
- Created a unified data platform slashing TTM for new metrics by 75%, boosting UX and privacy control.
- Championed and led critical privacy effort in compliance with new regulations across 80+ teams.
- Mentored 40+ new hires across different teams throughout their onboarding at Meta.
- **Technologies:** Hack, React, GraphQL, Presto

Rubrik, Inc.

Palo Alto, CA

SOFTWARE ENGINEER

Jan 2018 - April 2020

- Engineered an automated code validation workflow, cutting build breakages by 90%.
- Decreased code validation latency by 75% by implementing remote execution.
- Executed large scale migration of on-prem infrastructure spanning multiple services to cloud as disaster recovery.
- Implemented custom jenkins plugin to perform core integration with custom infrastructure.
- **Technologies:** Python, Jenkins, AWS, MSSql, Django, Celery

Imagination Technologies

Santa Clara, CA

SOFTWARE DESIGN ENGINEER

July 2015 - Present

- Designed and implemented web based control center to manage FPGA emulation and platforms.
- Developed automation framework for emulation testing of MIPS based CPU.
- Developed and maintained Buildbot/Jenkins service for FPGA emulation builds.
- Increased the platform utilization by 75% and increased the throughput by 100%.
- **Technologies:** Python, JavaScript, Python-Flask, Buildbot, Jenkins

DreamWorks Animation

Glendale, CA

SOFTWARE ENGINEER INTERN

Sept. 2014 - Apr. 2015

- Built components for continuous integration/deployment in automation and testing.
- Developed tools enhancing the reliability of the animation validator suite.
- **Technologies:** C++, Python, and Cassandra(CRUD)

- Implemented a product scoping feature to sort item variations on Amazon.
- Created a web-based servicing tool for clients.
- This tool cut down trouble tickets by 70-80%.
- **Technologies:** Java, JavaScript, Spring MVC, DynamoDB and Amazon Internal tools

Technical Skills

Development Skills	Web Services, REST APIs, QA Automation, Scripting, Frontend Development, Privacy Control
Programming Languages	Python, Java, C++, JavaScript, HTML, SQL, TypeScript, Hack, GraphQL
Software & Technologies	Git, jQuery, Flask, SQLAlchemy, RedwoodJS, AWS, Postgres, React, Presto, Django, Celery
Cloud & Infrastructure	AWS, GCP, Docker, Kubernetes, Jenkins, Buildbot, Github Actions, Netlify, Cloudflare
Leadership Skills	Team Management, Mentoring, Strategic Planning, Investor Relations
Database Management	SQLAlchemy, Postgres