

SHIV YOGANATHAN

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</> Technical Summary

Languages	Go, Python, Ruby, Java, Kotlin, Dart, C++, C#, C
Databases	PostgreSQL, MongoDB, Neptune, DynamoDB, Neo4J
Tools & Frameworks	AWS, Kubernetes, Docker, Datadog, React, GraphQL, Git

Professional Experience

Senior Software Engineer - Coinbase, Toronto

Jan 2024 - Present

- Led the launch of Coinbase's international exchange for retail users, overseeing the implementation of critical features like authorization, permissioning, and geofencing.
- Drove the rollout process, ensuring smooth deployment and successful adoption across international markets, contributing to multi-billion dollar revenue generation.
- Landed key post-launch features, including enabling users to trade with BTC and ETH as collateral assets, which increased trade volume by 10%..

Software Engineer - Coinbase, Toronto

Nov 2021 - Dec 2023

- Designed, developed and delivered a social network within Coinbase Wallet and integrated across multiple wallet surfaces. Achieved a 5% increase in monthly transacting users by connecting users to relevant wallets and assets.
- Paved the road for usage of graph databases by codifying resources and setting up associated infrastructure. Became the go to person for all things related to graph databases.
- Migrated backend services to Kubernetes in alignment with company wide OKR to improve cloud infrastructure. Resulting in a reduction of 15% in compute costs and improved deploy times by 90%.

Software Engineer - Amazon, Toronto

June 2020 - Oct 2021

- Identified inefficiencies in the deployment process and cut the time for deploys by 4x via standardized deployment schedules, automated release documents and improved transparency among stakeholders.
- Consolidated feedback from end-users and identified pain points in debugging customer service agents issues. Wrote a technical design document to build impersonation tooling, presented the solution to stakeholders and got buy-in to prioritize feature development.
- Led migration of features from monolith to standalone microservices resulting in reduced technical debt and improved developer productivity. Migrated authentication system with a reduced p90 of 100ms.

Projects

Founder - Falcon, Toronto (falcon.box)

July 2024 - Present

- Spearheaded the development of a travel itinerary app that centralizes event planning, bookings, routes, budgets, and more, offering travelers an all-in-one solution.
- Designed and implemented features for efficient route planning, smart budgeting, and seamless booking management to streamline trip organization and reduce stress for users.
- Built user-friendly tools for collaborative trip planning, calendar-based scheduling, and alerts, enabling travelers to stay organized and share itineraries with ease.

Education

University of Ontario
Institute of Technology

B.Eng, Software Engineering - IoT Specialization
Presidents List 2016, Deans List 2017, 2019

(Class of 2020)