

Arafat Khan

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EDUCATION

INDIAN INSTITUTE OF
TECHNOLOGY, KHARAGPUR

BACHELORS AND MASTERS
OF TECHNOLOGY
2014-2019

LINKS

Medium Blog:// [Arafatkatze](#)

Github:// [Arafatkatze](#)

Linkedin:// [Arafatkatze](#)

Website:// [Arafatkatze](#)

Email: [Link](#)

Phone: +1-343-999-5219

PROGRAMMING

- Python • Ruby
- Typescript • Rails
- React • Go

CLOUD

- AWS
- GCP
- Azure • Docker
- Terraform • Kubernetes
- Percona • Chef

DATA + METRICS

- Mysql • Mongo
- Google BigQuery
- Datadog • Grafana

HOBBIES

- Skiing/Snowboarding
- Travelling (28+ Countries)
- Hiking
- Reading/ Writing
- Philosophy

PROFESSIONAL EXPERIENCE

SOURCEGRAPH | ENGINEER

| December 2023 - Present | San Fransisco, USA

- Implemented + improvised core features for Cody AI coding assistant like edit, autocomplete, chat and agentic workflows
- Built image processing + multimodal input support pipeline
- Developed provider abstraction layer for seamless integration with multiple AI providers
- Personally handled onboarding of 3+ Fortune 500 companies, addressing complex security requirements
- Optimized LLM provider+model selection to reduce costs

IMMIGRANTFIRST | CoFOUNDER

| March 2023 - August 2023 | San Fransisco, USA

- Built a state of the Art LLM framework to build O1 Visa applications for US immigration using Generative AI. ([Link](#))

SHOPIFY

| Backend Developer (2 years) | Devops Engineer (2 years)

| May 2019 - May 2023 | Remote Canada

- Designed technical pipeline across multiple Rails services that reduced fraud assessment checkout latency by 60%
- Implemented Kubernetes-based read/write request splitting, improving p99 payment transaction times by 50%
- Enhanced network architecture to achieve PCI/DSS compliance for payment processing infrastructure
- Built and maintained highly scalable MySQL database for critical payment data
- Managed 10x traffic spikes during Black Friday by implementing robust autoscaling

OPEN SOURCE PROJECTS

Cody

Improved the AI assisted coding editor

Dataviz

Data-structure visualization library for Go

Glot

Go plotting library inspired by GNU plot

Matplotlib

Ruby bindings for Google Summer of Code

[Project Page](#)

[Medium Article](#)

[Medium Article](#)

[Source Code](#)

TECH CONFERENCE SPEAKING

2022

Devopsdays Recife, Brazil

Remote Work

2020

Google Developers Windsor

TensorFlow

2019

Gophercon India

Golang Visualizations

2018

Ruby on Ice (Germany)

TensorFlow Ruby

2018

Goway Fest Belarus

Golang Visualizations

2017

European Ruby Conference

TensorFlow Ruby

AWARDS AND ACHIEVEMENTS

2023

Won various Hackathons for ImmigrantFirst(5000\$+ prizes from **Anthropic AI** /Epson)

2018

Technical blog crossed 150k views on **Medium**

2018

Awarded a 500K Yen **Ruby grant** to work on a ML project with Ruby association

2014

Ranked 4337 in IIT Joint Entrance Examination out of 1.5 million students