



ARTHUR  
WALKER

Scala Software  
Engineer

### Contact

Address :

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### Languages

English Native  
Japanese Started learning  
in 2020

### Links

[LinkedIn](#)

[Github](#)

### Skills

Scala	●●●●●
Apache Kafka	●●●●●
Java	●●●●●
Golang	●●●●●
Ruby on Rails	●●●●●
Mongo DB	●●●●●
HTML5 / CSS3	●●●●●

## Experience

### Senior Engineer

Google - San Francisco

June 2019 - Now

- Led a team to overhaul the backend messaging system based on Apache Kafka. This involved developing new components and architectures, optimizing existing systems, and ensuring that the system is secure and performant.
- Responsible for designing and developing data pipelines and APIs, maintaining uptime and scalability, and providing technical guidance and support to other teams.

### Engineer - Scala & Kafka

Twitter

January 2015 - May 2019

- Developed and deployed microservices using Scala , Go in a team of 4 coders
- Analyzed the existing systems and identified areas of improvement
- Developed and deployed high-availability and fault-tolerant services
- Collaborated with other teams to ensure smooth delivery of services, and adapt microservices REST routes

### Backend Engineer

Freshworks

Jan 2011 - Nov 2014

- Leveraged Google Cloud Platform to manage a Kafka cluster deployed in Kubernetes and managed various aspects of the cluster, such as scaling, security, and performance.
- Developed custom connectors using Kafka Connect API to integrate with other Google services such as BigQuery and Dataproc.

### Freelance Ruby On Rails coder

Self employed

Dec 2006 - Aug 2010

For various clients :

- Developed and maintained Ruby on Rails web applications to enable users to store and access data on demand
- Designed and implemented a RESTful API utilizing Ruby on Rails and Postgresql to integrate with existing systems
- Leveraged TDD to ensure the quality and correctness of the code
- Created custom rake tasks to automate routine tasks
- Collaborated with other developers to ensure the application was up to industry standards

## Education

### BS in Computer Science

UC Berkeley - Berkeley

2001 - 2005