

# Sam Ulloa

## Software Engineer

Phone: +1 657-323-0046

Email: samuel.ulloa@gmail.com

LinkedIn: linkedin.com/in/samuelulloa

Github: github.com/ulloa

## Tech Stack

Python  
Javascript  
Kotlin  
Java  
R  
SQL | Postgres | NoSQL  
GraphQL  
MongoDB  
Apache Kafka  
Websocket  
Flask | Express.js  
Spring | NestJS  
NodeJS  
ReactJS  
Apache HTTP  
Nginx  
AWS | Azure | GCP  
Docker  
Git  
Linux | Mac | Windows

## Key Skills

RESTful Web Development  
Microservices Architecture  
REST API Development  
Cloud Infrastructure  
Real Time Data Processing  
Serverless Functions  
Regression Analysis  
Hypothesis Testing  
Fast Learner

## Summary

Software Engineer with experience in full stack web development, backend development, data analysis, and distributed systems. Passion for developing innovative products. Learn and succeed by failing first.

## Experience

### 2022–Present *Software Engineer (remote)* | Optum

- Create Kotlin Spring microservices to process messages in Kafka topics
- Write automated tests with Spock to drive development
- Develop Python database actions to run in serverless Azure Functions
- Optimize databases' performance with proper indexing and structure

#### Key Achievement:

- Launch GraphQL Kotlin Spring based email notification microservice in production and transfer knowledge to other team members

### 2019–2021 *Founder/ Web Developer* | RunoffPoll

- Maintained Kafka cluster to feed messages across servers and process
- Managed GCP networking so that traffic could flow to the right places
- Created easy to use website using ReactJS and MaterialUI

#### Key Achievement:

- Real-time analyzed a 1000+ visitors for a 24 hour period

### 2017–2019 *Web Developer (remote)* | Iris Digital Communities

- Coded and provided support for several ReactJS & AngularJS apps
- Deployed applications and administrated infrastructure for servers

#### Key Achievement:

- Maintained over 99% up-time after launch

### 2015–2016 *Data Specialist* | ReVision Optics

- Communicated with diverse medical and scientific team efficiently
- Presented insightful analysis and scripted data summaries using R

#### Key Achievement:

- Created an R script that automated presentation-ready summaries

## Education & Awards

2022 Bloom Institute of Technology  
Data Science Program

2016 AT&T Mobile & IoT Hackathon Winner

2013 University of California, Irvine  
B.A. Public Health Policy