

Kayvan Kazeminejad

kayvan@q2io.com

+1 415-636-1124

San Francisco, CA

[gitbub](#), [linkedIn](#)

An experienced developer with over 25 years of experience in various verticals including blockchain, banking, insurance, music, and IoT.

Professional Experience

IOHK

Haskell developer (Sept 2023 - Present)

- Haskell, Purescript, rust, and NixOs

As a member of the Plutus-tools team, I contributed to the development of:

- [plutus-apps](#)
- [marconi](#)
- [marconi-sidechain-cardano-node](#)

Soostone

Haskell developer (March 2021- Sept 2023)

Technology Stack:

- Haskell, and NixOs

Contributed to the development of the [napkin](#), a single point of entry for all typical workflows of data engineering and pipeline curation across Amazon Redshift, Google-BigQuery, PostgreSQL, SQLite

XStreamtrucking

Senior platform engineer (March 2020- Jan 2021)

Technology Stack:

- Scala, Haskell, NodeJs
- Kubernetes & Helm charts
- Apache Flink
- Elasticsearch, RedShift, Dynamodb, Influxdb

As a member of the mpg/m team, I contributed to the design and implementation of:

- Data pipelines to stream IoT sensor data to Flink applications in both EMR & Kubernetes runtime
- Spark batch jobs
- Multiple microservices in NodeJs, Scala, and Haskell

RChain

Senior platform engineer (April 2018 - Feb 2020)

Technology Stack:

- Scala, Haskell, Nix, NodeJS
- RHolang for smart-contracts
- Kubernetes, Helm charts, GCP, AWS, Terraform
- Apache Flink & Kafka

As a member of the core team, I contributed to the development of:

- [r-song dApp](#)
- [rSpace](#), Scala implementation of tuple-space

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- rSong, an on-chain music DAP

Vevo LLC

Senior Data & platform Consultant (Dec 2015- April 2018)

Responsible for the Design and construction of the data collection platform

Technology Stack

- Scala, Flink, Spark
- NodeJs, Kubernetes

As a member of the Data Platform team, I contributed to the design and implementation of:

- data collection platform
- multiple microservices in Scala, and NodeJs
- Spark and Flink EMR jobs

Intel – IntelMedia(Verizon)

Senior Software Engineer (Nov 2013 Nov 2015)

Note that Intelmedia was a division of Intel and was purchased by Verizon in 2014 with the brand-“go-90”

Software engineer responsible for VOD workflow, Video On Demand workflow

Technology Stack

- Scala, C++
- Mongoddb, Dynamodb, Cassandra, ElasticSearch
- Kafka
- AWS and Verizon cloud

As a member of the VOD team, I contributed to the design and implementation of:

- VOD workflow
- VOD encoding/decoding

PGI, Collaborative Advantage

Senior Software Consultant (April 2014 Feb 2015)

Technology Stack

- Geophone APIs & Services
- Java, Scala, verte.x
- DynamoDB & ElasticSearch

Responsible for the design and development of the GeoPhone initiative. The application computed the geoLocation of the device and connected to the most cost-effective phone center for on-demand conferencing

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WellPoint (Anthem BlueCross)

Architect and Lead Consultant (Aug 2012 – Nov2013)

Technology Stack

- Java, Scala, JavaScript
- Oracle, DB2, Adabas
- DataPower

Responsible for the design and construction of the WellPoint on-demand ID-card applications, and WellPoint JP-Morgan Health Saving Accounts

Bank of America

Integration Architect and lead developer (May 2012 – Oct 2013)

- Java, Scala, Natural
- Oracle, DB2, Adabas
- DataPower

As an architect and lead developer for Consumer Banking, I was responsible for developing Java WebServices and DataPower

Intel Folsom CA

Architect and lead developer (Jan 2012 – June 2012)

As an architect and lead developer, I contributed to the development of the Context-Aware Computing Platform

Healthnet Federal Services

Senior Consultant (Nov 2010 – April 2012)

Northrop Grumman, Electronic Signal Laboratory

Senior Consultant (Sept 2007 – Sept 2010)

Alexan International / Department of Motor Vehicles, State of California

Senior Consultant (June 2006 – May 2007)

Innotas

Senior Consultant (August 2006 – July 2007)

California Secretary of State, Elections Division

Senior Consultant (Aug 2006 – 11/11/2006)

J.A Majors Company / Baker & Taylor

Senior Consultant (Sept 2005 – October 2007)

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St. Lawrence University

Senior Consultant (August 2004 – December 2006)

UC Santa Barbara

Senior Consultant (August 2003 – December 2004)

California Department of Mental Health

Senior Consultant (June 2004 – November 2006)

LandAmerica Tax and Flood

Senior Developer (May 2004 – August 2004)

Miami-Dade Community College

Senior Consultant (April 2003 – October 2004)

California Franchise Tax Board

Senior Consultant (June 2002 – January 2003)

California Public Employees Retirement System

Senior Consultant: (June 2000 - June 2002)

State of California, Board of Equalization

Various Positions and Assignments (September 1999 – June 2004)

Education

California State University of Sacramento

- Computer Science & Math