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 banking, insurance, music, blockchain, and IoT.

Professional Experience

IOHK

Haskell developer (Sept 2023 - Present)

- Haskell, Nix, and NixOs

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

- plutus-apps
- marconi
- marconi-sidechain-cardano-node

Soostone

Haskell developer (March 2021- Sept 2023)

Technology Stack:

- Haskell, Nix, and NixOs

Contributed to the development of the napkin, CLI that acts as the 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:

- circleCI CI/CD pipelines for Kubernetes deployments to AWS EKS
- 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:

- drone CI/CD pipelines

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- rSpace, Scala implementation of tuple-space
- 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
- goCD CI/CD pipelines

Intel – IntelMedia(Verizon)

Senior Software Engineer (Nov 2013 Nov 2015)
Note that Intelmedia was a division of Intel and was purchased by Verizon in Feb-2014 with the brand-"go-90"

Software engineer responsible for VOD workflow, Video On Demand workflow

Technology Stack

- Scala, C++

- Mongodb, 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