



Shiraz Hazrat

Data Scientist + AWS Cloud Architect

Highly ambitious, professional developer with proven experience in machine learning, big data analytics, Python, and AWS systems. Strong expertise in building serverless backends, API's, databases, and real-time dashboards.



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SKILLS

Amazon Web Services



Serverless Applications



Python



Machine Learning



Data Analysis



Data Engineering



Linux Administration



WORK EXPERIENCE

Lead System Developer

Fractal Strategies

Jan 2018 - Present

San Francisco, CA

Accomplishments/Responsibilities

- Designing and building highly scalable, algorithmic cryptocurrency trading systems
- Fully cloud-based, written in Python, and primarily serverless
- Leveraging AWS SageMaker for rapid, containerized machine learning training at low infrastructure cost
- Using LSTM-based deep neural networks for accurate market predictions
- Able to handle high user engagement (10,000+ users)

Operations Engineer

Google Inc. - Google Cloud Platform

Jan 2016 - Jan 2018

Mountain View, CA

Accomplishments/Responsibilities

- Deployed and maintained Google's data center hardware
- Directly managed 5,000+ server and networking devices
- Partnered with Google Chrome and Google Firebase team to develop their personalized testing environment
- Administered qualification tests on unreleased hardware
- Traveled to 5 international data centers to deploy new infrastructure

Internal Support Technician

Google Inc. - Corporate Engineering

June 2012 - Jan 2016

Mountain View, CA

Accomplishments/Responsibilities

- Provided professional technical support to Google employees
- Handled issues across all Google backend systems and OS platforms
- Debugged Linux systems, Python scripts, and video conferencing systems
- Directly managed creation of new technical support team for Motorola Inc.

EDUCATION

B.S. in Physics, Minor in Mathematics

University of Illinois at Urbana-Champaign

Aug 2007 - May 2011

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (2017)

Red Hat Certified Linux System Administrator - RHCSA (2017)