saurabh@tensorflight.com
+1 650 475 6175

Saurabh Bajaj

linkedin.com/in/bajajs

1575 Sacramento Street
San Francisco

Summary

Software Engineer responsible for the architecture, development and scaling of core backend systems that power Lyft.

- Building highly distributed systems from ground up
- Work on scaling high-traffic web applications
- Server administration and Amazon Web Services
- Strong experience in Python, AWS, Deployment, Distributed Systems, Git, Bash, Scala, Java, PHP

Amazon Web Services (AWS):

- Build services from scratch
- Define launch configs, auto scaling groups, run cluster of EC2 machines
- Use Amazon SQS, Kinesis, Redshift, Dynamodb, S3, RDS, IAM heavily

Experience

Software Engineering Lead at Lyft *March 2015 - Present*

- Tech lead/Second Engineer on Data Platform at Lyft
- Building scalable data processing systems from ingestion to data warehousing
- Build simulation systems to run tens of thousands of ride simulations to optimizing pricing, eta, Lyft line matching

Software engineer at Instagram *April 2014 - March 2015*

- Experimentation tools
- Data migration system
- Core APIs

Marketing infrastructure at Facebook

- Visualization platform to provide real time insights about advertiser spend
- Logging, Data pipelines, Measurement, Analytics, ETL, Visualization
- Facebook Experimentation tools

Data engineer at Mu Sigma *July 2011 - October 2012*

- Migrated core data science systems from proprietary tools to open source (R)
- Develop an integrated Web Analytics & Research platform.
- Sales impact modeling
- Website and conversion funnel analytics for e-commerce companies

Software engineer at Accenture *December 2009 - June 2011*

- ETL data processing pipelines
- Web Development using Azure Cloud
- Data warehousing

Education

K J Somaiya College of Engineering, 2005 - 2009
B.E., Computer Engineering

Skills

Languages
Python, Java, R, Scala, C++

Technologies
Data infrastructure, Amazon web services, Hadoop, Hive, Apache Spark, SQL