

MIHIR KULKARNI

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RELEVANT WORK EXPERIENCE

(8.8 years)

Snowflake Inc. – San Francisco Bay Area, CA, USA

Feb'17 – Sep'22 (5.6 years)

Software Engineer II, Software Engineer I

Working on designing and developing Snowflake cloud data platform.

Features launched:

- Streams and Tasks - Enabling customers to build data pipelines natively in Snowflake
- Replication - Enabled customers to replicate objects and data cross-cloud
- Cross account data sharing – Sharing data without copying. Launched as Data Sharehouse and Data Marketplace
- Data pipeline for snowflake - Used by the company to analyze service and product data of Snowflake
- AWS IAM role-based Auth - Enabling data ingestion into Snowflake without sharing AWS credentials

Skills: Java, Python, SQL, AWS, Data warehouse, Database, Data Pipelines, Azure, GCP, Git

Akamai – San Francisco Bay Area, CA, USA

May'16 – Aug'16 (3 months)

Software Engineering Intern

Implemented ML solution to predict faults in servers for Akamai's Site Reliability Engineering team

Skills: Python, Flask, PHP, Machine Learning

Persistent Systems - Pune, India

Dec'12 – Jun'15, Aug'11 – Mar'12 (3.2 years)

Senior Software Engineer, Software Engineer, Trainee, Project Intern

Worked on implementing large scale email system serving millions of daily emails.

Features launched:

- Cassandra NoSql distributed database management
 - Managed replication and maintained consistency across distributed nodes
 - Wrote tools to import-export customer data
 - Implemented server interacting with the data
- LDAP directory server implementation for email credentials management using C++ and Linux.
- Email protocols implementation - POP, IMAP, SMTP
- TF-IDF based recommendation system on HADOOP and Cassandra.
- Android app for company management software - IBM Lotuslive

Skills: Java, Python, Cassandra, NoSql, Linux, shell script, REST APIs, Distributed Databases

EDUCATION

University at Buffalo, The State University of New York

Aug'15 – Feb'17 (1.5 years)

Master of Science, Computer Science.

Relevant Coursework: Distributed Systems, Machine learning, Deep Learning

Projects:

- Highly available distributed system based on Amazon Dynamo paper
 - Key value database
 - Implemented availability and consistency using chain replication making it resilient to node failures
- Popularity dashboard using opinion mining - Google Developer's Group Hackathon – 3rd prize
 - Enabled users to create dashboard showing opinion index and popularity of specified keywords.
 - Implemented it by mining twitter data and performing statistical and sentiment analysis
 - Won 3rd prize at Google Developers Group hackathon
- Handwritten digit recognition using Logistic regression and Neural Network – 97% accuracy
- Multilingual tweet search engine
 - Crawled and indexed twitter data using Apache Solr to make it searchable.

University of Pune

Jun'08 – May'12 (4 years)

Bachelor of Engineering, Computer Engineering

Relevant Coursework: Distributed Operating Systems, Advance Computer Architecture, Databases, Cloud computing

SKILLS

Computer Science		Languages		Databases		Others	
Distributed Systems	Databases	Python	Java	Snowflake	FoundationDB	Git	AWS
Machine Learning	NoSQL	C/C++	SQL	Cassandra	Oracle	Azure	GCP
Data Pipelines	Data Warehouse	Shell Scripting	PHP			Linux	