

Contact

www.linkedin.com/in/sachja
(LinkedIn)

Top Skills

Distributed Systems
High Availability
Big Data

Sachin Jain

Principal Engineer / Architect
Fremont, California, United States

Summary

Specialties: Internet, Distributed systems, embedded systems, network protocols

Experience

Cohesity

Principal Engineer

November 2015 - Present (9 years 3 months)

San Francisco Bay Area

- Architect and development for a distributed task execution framework used for scalable backup/recovery for various workloads (VMs, DBs, Filers) both for on-prem and SaaS offering
- Architect and technical direction for protection for all database workloads including SQL/Oracle and large NoSQL DB (mongo, cassandra, hdfs)
- Protection of cloud workloads (SQL on Azure, Azure AD)
- Architect for kubernetes infrastructure for running 3rd party applications on cohesity platform
- Implemented metadata store for cohesity file system (distributed key/value store using rocksdb)

Insieme networks/Cisco Systems

Principal Engineer

April 2012 - November 2015 (3 years 8 months)

San Jose

Insieme networks was cisco funded startup building SDN switch for large data center. Acquired by cisco in Dec 2014.

Principal architect and lead for building the scalable, distributed, fault tolerant SDN controller.

- Architect and tech lead for distributed No-SQL database for centralized controller (sharding, leader election, failover etc).
- Architect and lead for multi-site configuration synching.
- Scaled the controller to 400 switches and 1M endpoints.

Google

Staff Engineer

March 2006 - April 2012 (6 years 2 months)

Mountain View, CA

- Lead for Stream quality for Google+ (Google's social networking platform) : Improving the user experience of stream by filtering and personalized ranking of posts.
- Maps data acquisition : Special project (Ground Truth) to create and fix maps vector data for entire US. Smart tool for geo modelling making use of aerial, street view, output of various computer vision processing.
- Tools/system to improve quality and precision of local business listing data.
- Maps Wiki - End user can edit and fix maps data (<http://www.google.com/mapmaker>)

Cisco systems, san jose

Software Engineer

February 2005 - February 2006 (1 year 1 month)

Part of Data Center Business Unit. Designed/Implemented Private VLAN feature and part of architecting next gen ethernet for data center.

Andiamo Systems/Cisco

Software Engineer

February 2001 - February 2005 (4 years 1 month)

Cisco funded startup building Fiber channel switches for Data Center
Worked on routing protocol, infrastructure to maintain hardware routing tables, high availability infrastructure

Education

The University of Texas at Austin

MS, Computer Science · (1999 - 2001)

Indian Institute of Technology, Delhi

B. Tech., Computer Science · (1995 - 1999)

Delhi Public School - R. K. Puram

High school · (1993 - 1995)