

Zhiyuan Yin

zyyin2005@gmail.com

979-422-3532

Summary

Engineering & Product Leader with 9 years of experience in distributed systems, databases, cloud services at Google, Amazon and Microsoft. I enjoy working in fast paced startup-like environments and building and leading high-performing team.

Professional Experience

Senior Software Engineer Google Inc

Tech Lead on Google Cloud Service Infrastructure 2013- 2017

- Google Cloud Service Infrastructure provides control plane functionalities including auth, quota, logging, billing to all Google Cloud APIs.
- Built the high performance, high availability service from concept to general availability. The project is now a foundational component of Google Cloud Platform.
- Led a team of 10+ engineers across 3 office locations and 2 continents. Drove technical architecture and planning over multiple product cycles.
- Founding member of Google API Design Committee. I helped design 20+ APIs, including Google Cloud Vision, Cloud Task, Google Vault, etc.

Tech Lead on Google Cloud Billing 2017- present

- Google Cloud Billing is the monetization platform for Google Cloud.
- Incubated new business models and offered Billing As A Service to other Google products. Successfully launched monetization for Google Voice For Enterprise and G Suite Drive.
- Designed and built the policy platform that ensures compliance as Google Cloud expand to heavily regulated countries and regions.

SDE 07.2012-08.2013

Amazon Web Service, Seattle, WA

- Worked on AWS Relational Database Service <http://aws.amazon.com/rds/>.
- Develop and test features of the RDS system with three database engine brands (MySQL, Oracle, SQL Server) on two operating system platforms (Linux, Windows). Being the key contributor for the second wave of RDS features in Virtual Private Cloud (VPC), I designed, implemented and tested the Security Group feature for RDS in VPC.
- Built and maintained the distributed log analysis service that generates metrics to help evaluate the quality of service provided by RDS. It not only retrieves health data for all the RDS instances within each data center but also aggregates them to provide availability measurement for every single instance.

SDET 01.2011-06.2012

Microsoft, Redmond, WA

Windows Azure Management and Runtime Team

- Worked on Windows Azure SDK Quality Assurance. Key responsibilities include building and maintaining Azure SDK's test automation framework for both Desktop Tools and Cloud Runtime Library, providing partner team with tooling to facilitate End To End testing, and performing test sign off on software releases.

Technical Skills

- Highly proficient in Java and Python.
- Extensive experience in Distributed Systems, Databases, Data Processing Pipelines and RESTful Web APIs.

Education

M.S., Electrical Engineering

Graduation Date: 12.2010

Texas A&M University, College Station, TX

GPA: 4.0/4.0