Zeeshan Hanif

email: zshanif@gmail.com | *Seattle, WA* | **web:** zhanif.com

Professional Summary	● Experienced developer with five years of experience working on high QPS storage API infrastructure at Google Cloud. Founding member and primary contributor of the Google Cloud Storage (GCS) gRPC API project. ● Has led all stages of development, including design, implementation, testing, monitoring, and maintenance. ● Experienced in driving engagement and alignment across various stakeholders and cross-team partners with regards to project design and requirements. ● Excellent communication proficiency, as well as adept writing ability.

Education

University of California, Irvine   Sep 2015 - Dec 2018

B.Sc. Computer Science
Awarded with a specialization in Systems and Software

Proficiencies

Languages: C++, Java, Javascript, Python, SQL
Skills: gRPC, API Development, Google Cloud Platform (GCP), Storage Infrastructure, Stack Simplification and Performance Optimization

Experience

Software Engineer (*Google - Seattle, WA*)   May 2021 - Present

● Founding member and primary contributor of the GCS gRPC API project. Oversaw the project from conception to GA, and remained the primary POC for all GCS gRPC issues and feature requests.
● Technical lead of GCS gRPC API performance. Reduced latencies to GCS by 50% for Object Reads, 10% for Object Writes, and 30% for the Artificial Intelligence (AI) and analytical workflows of some of the largest GCP customers.
● Technical lead of GCS gRPC API isolation, throttling, and load testing. Ensured gRPC could effortlessly handle non-compliant GCS workloads at scale, while still providing 99.95% availability.

Software Engineer (*Google - Seattle, WA*)   Jul 2019 - Apr 2021

● Ensured the GCS JSON and XML APIs can quickly, correctly, and reliably handle the tens of millions of QPS customers send everyday.
● Participated in an infrastructure-wide stack simplification effort, turning down global failure endpoints and increasing service reliability. I played a major role within the sub-effort on GCS. The overall project reduced company-wide infrastructure costs by tens of millions of dollars, with the work I led reducing costs by an estimated $2.25 million/year alone.

Engineering Intern (*Alcatel-Lucent Enterprise - Los Angeles, CA*)   Jul 2017 - Jun 2018

● Developed a ticketing platform to track the project lifecycle of our network switches, focusing on intuitive UX design and accessibility concerns. The goal of the platform was to allow multiple employees to interact more efficiently with our release pipeline.

Recent Projects

Cookie to Biscuit   Sep 2020

● Built for fun, this is a browser extension that replaces the word "cookie" with "biscuit" on all British websites.