

# Alexander Chan

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## Experience

**Software Engineer @ Scality** October 2017–Present

Worked on building Zenko, an open-source software that allows users to manage object storage data across multiple public/private clouds using Amazon's S3 API [<https://github.com/scality/zenko>]

- Developed the feature to add Google Cloud Storage(GCS) as one of Zenko's storage targets:
  - Achieved this by implementing an aws-sdk like client to be used into the existing code
  - Designed and implemented the client to perform requests to GCS using GCS's XML API
- Worked in a team to develop Zenko Orbit, the SaaS component for managing users' Zenko instances (**admin.zenko.io**):
  - Led the effort to refactor the Orbit frontend code to use **Redux** in order to simplify the code base and development
  - Implemented the metrics collection and reporting feature in the Orbit backend API to allow for displaying and visualizing usages in the frontend components
- Used **Kubernetes** to deploy and test the Zenko software:
  - Implemented and managed the Orbit deployment specifications using **Helm** charts

## Projects

**Personal Site v2** 🌐 arekisannda/profile

Personal profile implemented using **Typescript/React** and deployed on **Zeit/Now**

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**OSSBench** 🌐 arekisannda/ossbench

Object Storage Service Benchmarking tool.

- did something
- did something else

**i3Helper** 🌐 arekisannda/i3helper

i3 Window Manager helper tool

## Skills

**Technologies:** React, Redux, Kubernetes, MongoDB, Google Cloud Platform, LaTeX

**Languages:** Go, Javascript/Node.js, Typescript, Python

## Education

**University of California, Irvine** 2010–2014

Bachelor of Science in Computer Science