

# Anmol Chawla

## Software Engineer

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An experienced software engineer working with a demonstrated history of working with software products. Skilled in working with distributed systems as well as web and mobile technologies. Familiar with modern ML inference pipelines and scaling them for throughput.

## Skills

### Languages

- Kotlin
- Python
- Dart
- Javascript
- Swift

### Frameworks

- Dropwizard
- Flutter
- React
- SwiftUI
- Diffusers

### Tools

- Kubernetes
- Docker
- Linux
- CDN
- Git

## Experience

### Dashtoon

#### Founding Engineer

March 2023 - Present

- Streamlined content management on platform by migrating from single-region replicated Postgres database to **multi-region geo-replicated Azure Cosmos (No-SQL) database**, creating a single source of truth for content and eliminating consistency problems between multiple databases. Was achieved with **0 downtime** by using **Dual Read Write strategy**, and also resulted in a **40% reduction in latencies**
- Scaled reader service to **service requests globally** by establishing a **multi-region distributed setup**. In the process of which a formal user service was also setup, handling assigning users to a region and **re-routing requests transparently**. Allowed establishing a **point of presence in different regions** and **isolating financial records** to the user's region. The setup involved usage of the **Azure's global load-balancer** and resulted in an **81% reduction in latencies globally**