

## Prompts Dump

- Used Gemini Pro only and most of the code was made using vibe coding.
- “Create a comprehensive .proto file definition for the CurrencyService that includes gRPC methods for getting supported currencies and converting specific amounts.”
  - There are other similar prompts for prototype definitions for services which is important for gRPC interservice connection and communication methods.
- “Explain how to implement gRPC interceptors in Go for the Checkout service to handle request logging and distributed tracing IDs before passing data to the business logic.”
  - Several such prompts for other services for interservice communication code making and help.
- “Write a multi-stage Dockerfile for the Python-based EmailService that minimizes image size by using a distroless base image.”
  - Similar prompts were made for making other services docker files.
- “I need a docker-compose.yaml file that spins up Redis and the Cart Service locally, ensuring they share the same network and the Cart Service can discover Redis via hostname.”
  - Such prompts were used for local deployment and checking, testings.
- “How do I mock the Payment Service gRPC interface in a unit test for the Checkout Service using Go's testify library?”
  - Again such prompts were made for testing purposes.
- There were many prompts made for implementing security groups and overcoming their errors.
  - “I have made the valkey cache instance and run the cart but the cart is showing that the request has been made and returned successfully but there is no item added into my cart. Either the valkey instance is not connected or there is error in my cart implementation. Fix it.”
    - This was the error of security group as well as the error of my cart implementation that always returns “200 ok” code.
  - Several Such prompts made primarily concerns the security group errors.
- “My Frontend service is returning 500 errors. How do I trace the request path from the ALB through to the backend gRPC services?”
- “The CurrencyService relies on an external API. How do I implement a circuit breaker pattern in the Frontend service to prevent cascading failures if the currency API goes down?”
- “I want to move the Redis instance used by CartService from a container to Amazon ElastiCache.”
- “My gRPC health checks are failing on the ALB. How do I configure the Target Group health checks correctly for a gRPC service on port 8080?”
  - Several such prompts were made because of the error of load balancer connections with service target groups. Its because our service is build on gRPC requests so it took us a lot of time to find the gRPC protocols in AWS Target group configurations.
- The above is the list of those prompts which were copy pasted for other services and other exactly similar errors.