

# MAAG App Summary

## What It Is

MAAG is an Astro web app with an Express API that serves content pages and a dashboard for managing articles, events, interviews, and related data.

## Who It Is For

MAAG editorial/admin team managing content and subscriptions (readers are secondary).

## What It Does

- Articles CRUD with tags, categories, and hero images
- Events CRUD and event detail pages
- Interviews CRUD and interview detail pages
- Flippers CRUD and list/detail pages
- User profiles with Firebase Auth integration
- Stripe subscription checkout, portal, and webhooks
- Calendar and dashboard UI for content management

## How It Works

- Frontend: Astro site in src/ with public pages and dashboard layouts/components.
- Backend: Express API in server/src with routes for articles, events, interviews, flippers, users, and Stripe.
- Data: Firebase Admin SDK for Firestore/Auth/Storage; client uses Firebase JS SDK.
- Billing: Stripe API in server with webhooks writing subscription data to Firestore users.

## How To Run

- Install deps: `npm install && npm install --prefix server`
- Set env vars: PUBLIC\_FIREBASE\_\* (frontend), FIREBASE\_CONFIG\_JSON, STRIPE\_SECRET\_KEY, STRIPE\_WEBHOOK\_SECRET, FRONTEND\_URL (values Not found in repo)
- Run dev: `npm run dev` (Astro at `http://localhost:4321`, API at `http://localhost:3000`)