



amosproj /  
**amos2024ws02-backup-metadata-analyzer**



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# Design documentation

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# General overview

## Main modules

- Typescript backend (NestJS)
- Typescript frontend (Angular)
- Python backup analyzing module

All these modules are combined into a NX monorepo.

## Databases

- Analyzer Database containing the raw backup data (primarily used for development purposes to have some source database)
- Backend Database containing the processed output

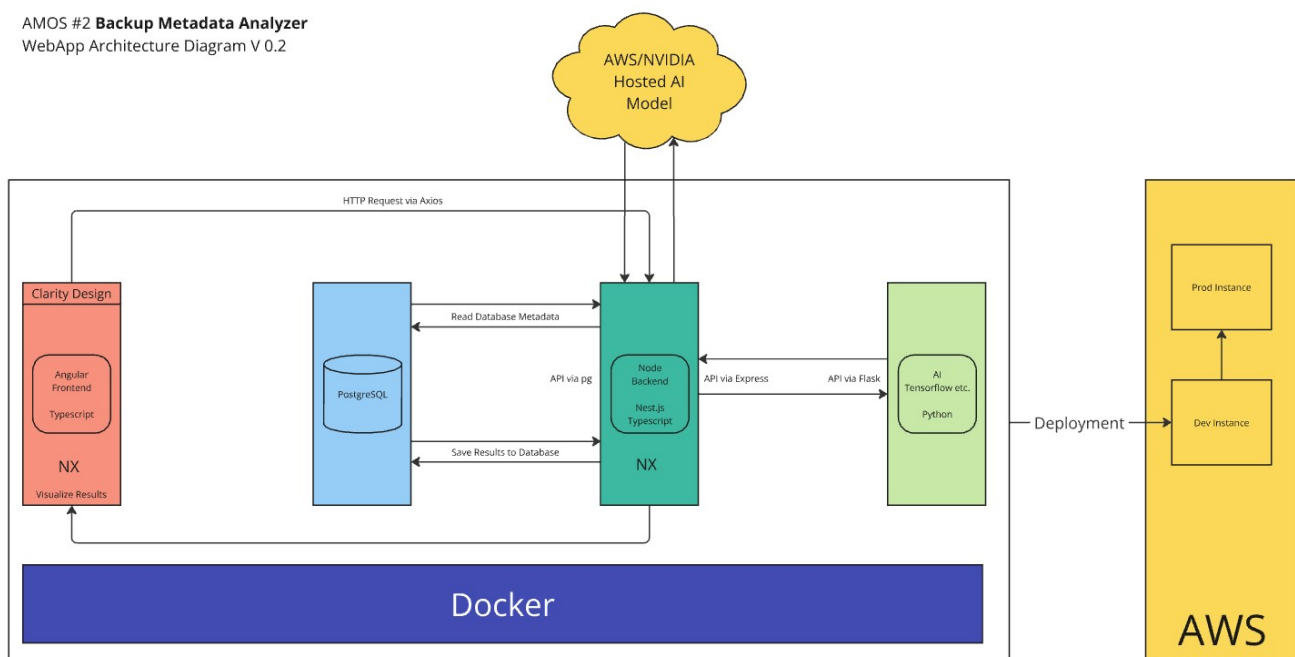
## Communication

Analyzing and backend modules provide REST APIs Frontend gets data by accessing backend REST API

## Containerization

All apps have dockerfiles provided, creating the possibility of simple building and deployment

AMOS #2 Backup Metadata Analyzer  
WebApp Architecture Diagram V 0.2



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