

COMP 4350

yAPP

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yAPP



01

Anonymous



02

Safe and secure



03

Interact with others



04

Open up to friends

Key Features

01

Posting

- Anonymously ask questions to the yAPP community
- Publish one friends-only post per day
 - Can be anonymous or not

02

Interactions

- View, reply, upvote, and downvote posts

03

Personal Calendar

- View personal diary entries
- View friends' diary entries

04

Hidden Achievement System

- Highly upvoted/downvoted
- High traffic
- Frequent poster

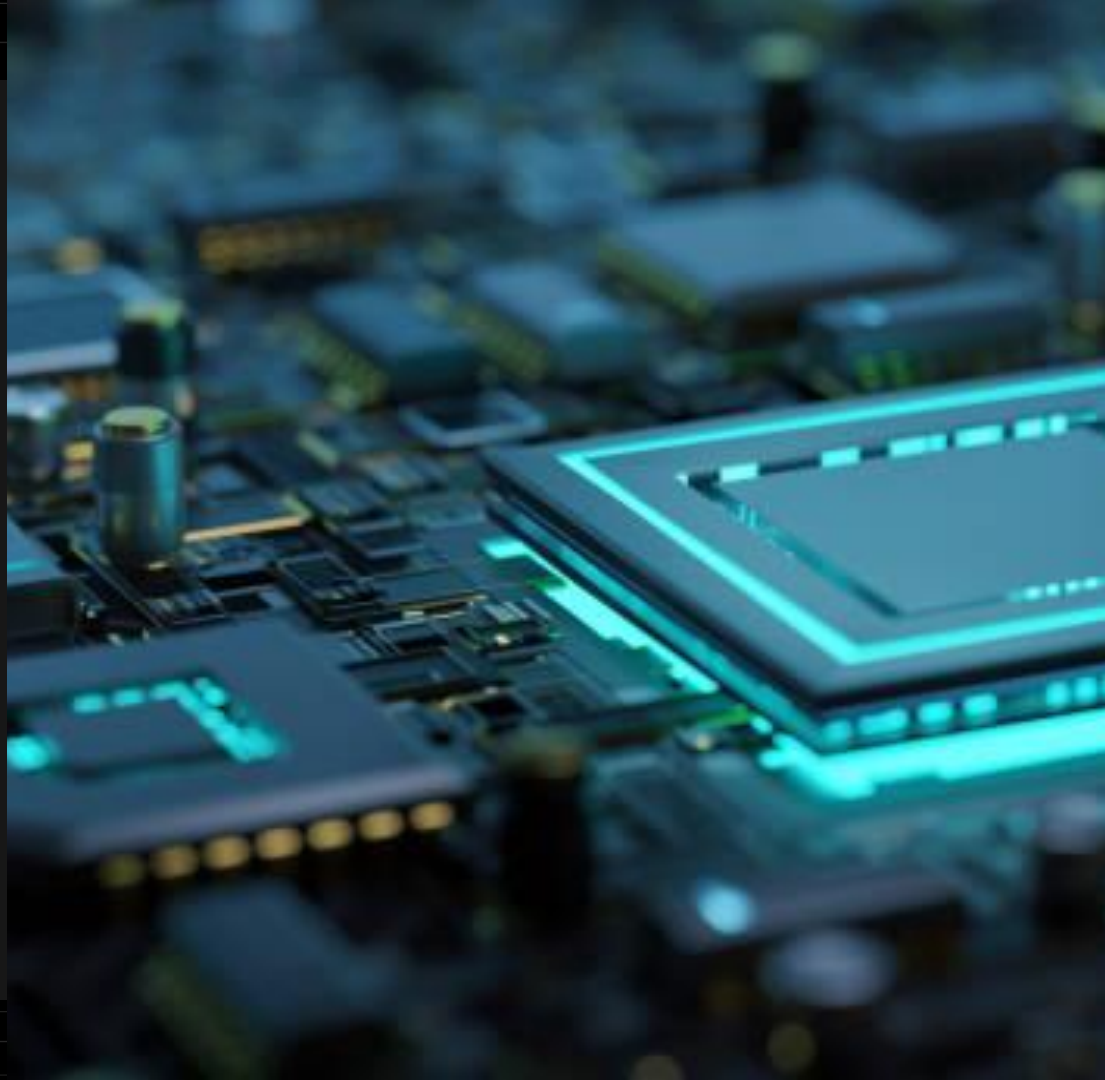
Technology

Frontend

- Web
 - Vue.js
 - TypeScript
 - Tailwind CSS
 - Pnpm package manager
- Mobile
 - .NET MAUI

Backend

- ASP.NET
- C#



Technology

AWS



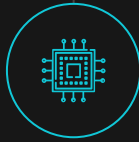
Cognito

User pool management



API Gateway

API endpoints management



Lambda

"Serverless" compute service



Dynamo DB

NoSQL DB



Cloud Front

Domain provisioning



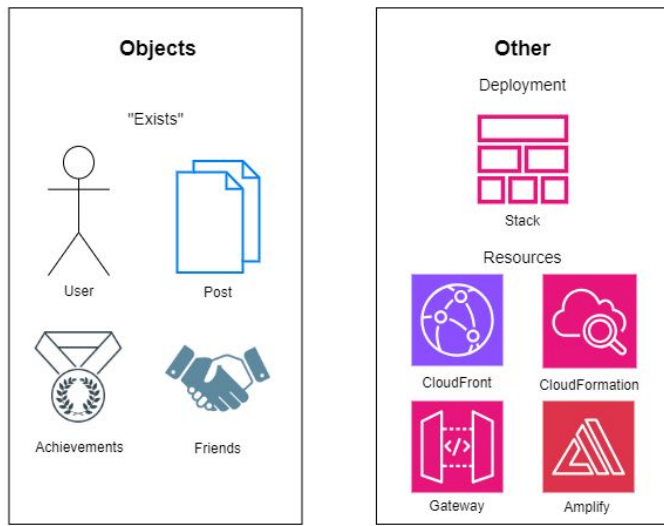
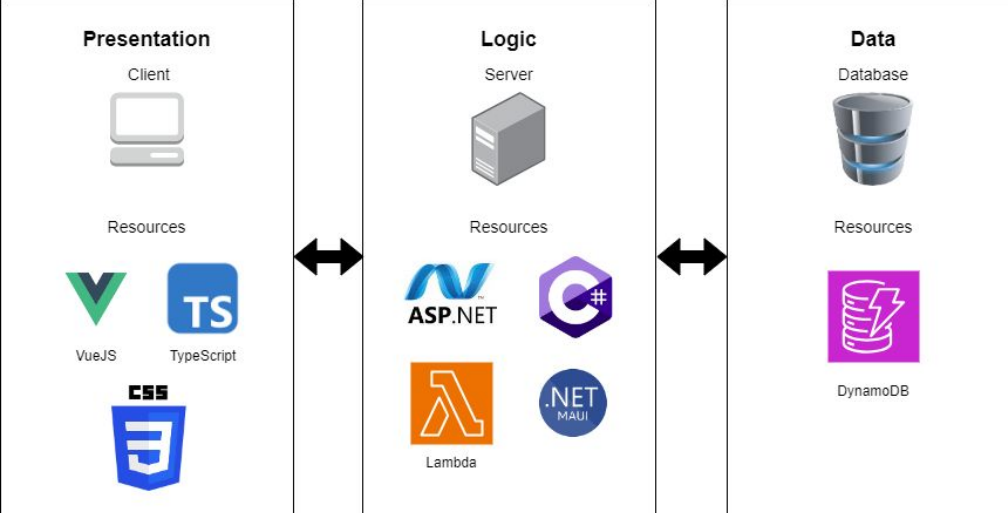
Cloud Watch

Debugging and monitoring



Amplify

Deployment



High Level Architecture

- Thin Client
 - Website
 - Desktop App
 - IOS & Android App
- Layers & Tiers
 - N-tier design with AWS
 - Layers
 - Presentation
 - Logic
 - Data
 - Objects
- Utilize AWS software



Thank You!