2023:

- User Management Squad:

Currently provide architect and engineering support for multiple AWS cloudnative data pipelines - change-data-capture from salesforce and legacy authorization systems, to the new authorization system under development.

Contribute to User Authentication micro-frontend.

Tech: Salesforce, Node, Typescript, Jest, Lambda, ApiGateway, SQL+Triggers, Dynamodb+Streams, EventBus, Webpack Federated Modules, React 18

- Backend Guild:

Provide engineering support to build library of AWS CDK constructs and Lambda middlewares, to provide standardize stacks and tooling across all the squads.

Tech: Typescript, Jest

- Architecture Guild:

Pair with colleagues as an AWS-architecture co-pilot and Miro-diagraming co-pilot, to iterate creatively on ideas, and transform them into infrastructural DFDs - to drive quality, reduce re-work and parallelize development tasks to reduce turnaround time.

Tech: Miro, UML, AWS

2022:

- Research Views Squad:

Architected and built full-stack text-to-speech solution for improved content accessibility.

Backend: AWS StepFunctions, CloudMap, SSM, S3+Events, Polly, Lambda and ApiGatway.

Front-end: React 18, integrated audio player to research view, complete with table-of-contents that navigates to visual and audio content simultaneously.

- User Management Squad:

Contributed to early POC work (infrastructure, data-contracts, messaging) for sync data pipelines, graph database POCs and discussions around attribute-based-access-control.

- Testing Guild:

Discussions and POCs that inform our strategies and tooling for testing async message-driven systems.

Tech: Typescript, Jest, AWS SDK, CDK, StepFunctions, Lambda, CodePipeline, Codebuild, SSM, Cloudmap, Dynamodb, SuperTest, Cypress