# Faraz Ali

CV

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SOLUTIONS ARCHITECT

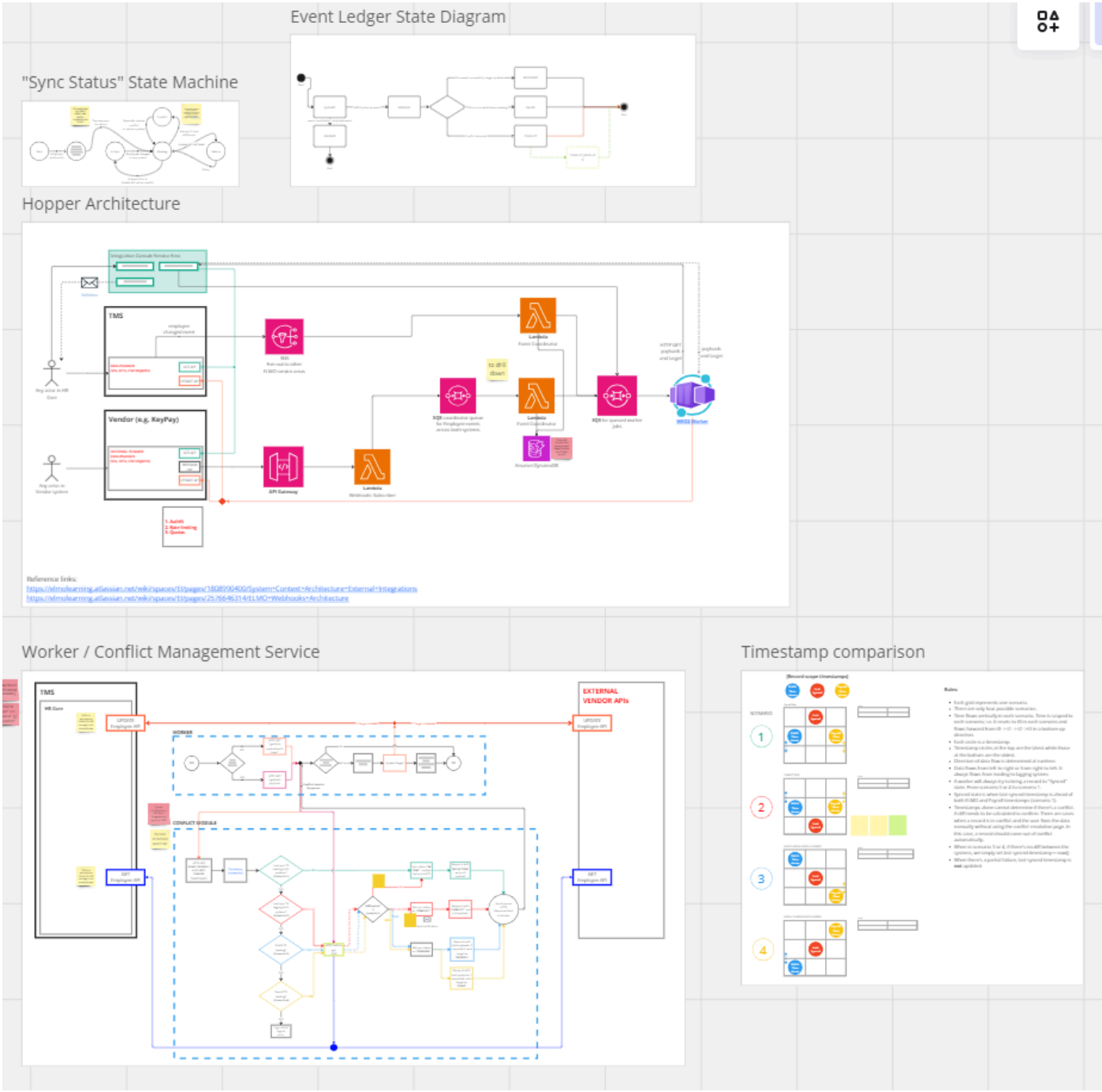

**Recent Work Experience**

**ELMO - Principal Solutions Architect**

**2023-24**

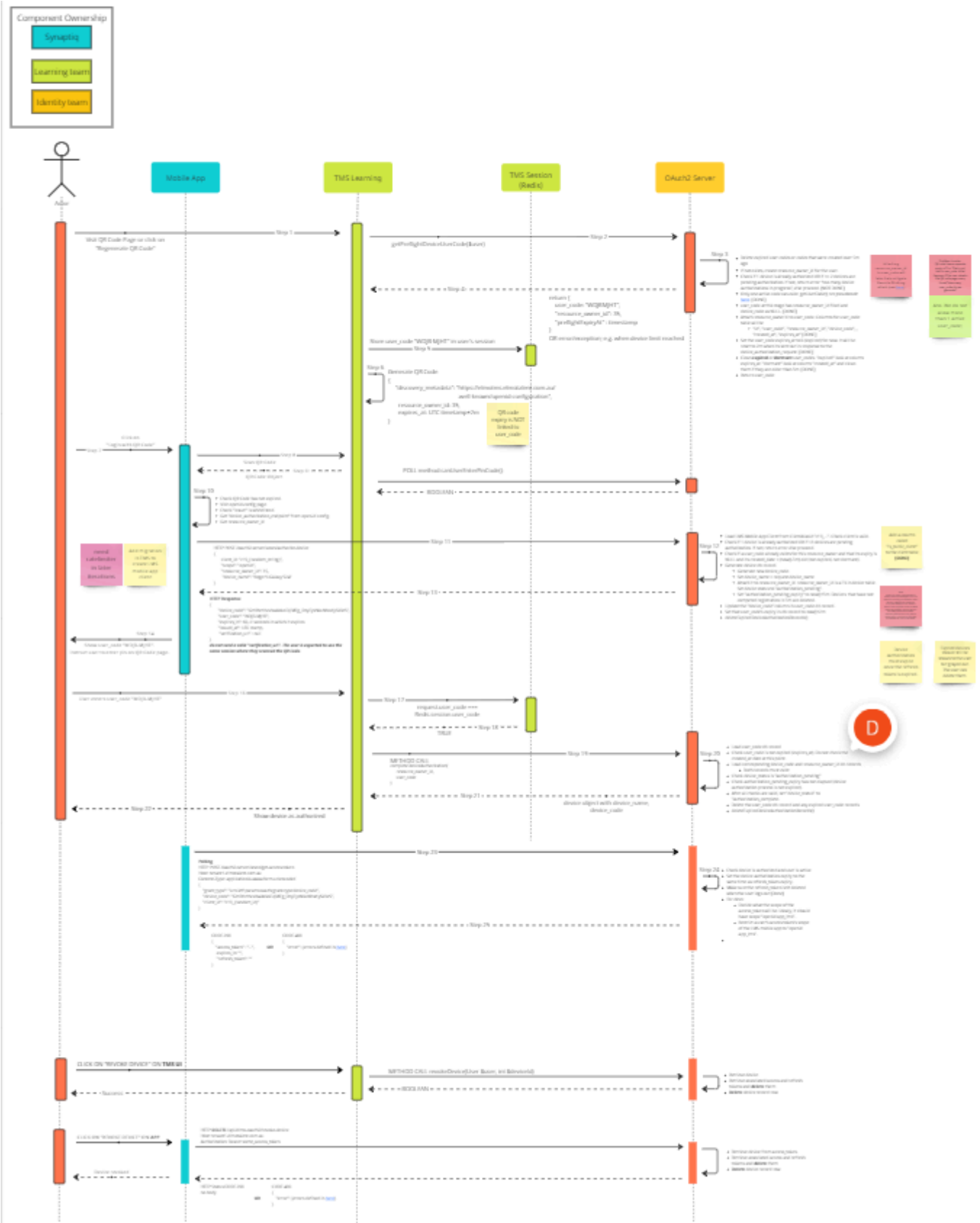
**Initiative: Two-way data sync between two independent systems**

- Principal architect for a two-way sync solution to keep payroll data
- Worked with Thoughtworks - Australia
- Technologies used: AWS SNS/SQS/API Gateway / Lambda / S3 / Cloudfront / Cloudwatch / ElasticSearch / DynamoDb, Kubernetes/Helm, Redis, NodeJS, PHP, Sonarqube, Jenkins/Groovy, Webhooks, Lambdas, WSO2 Micro-integrator, C4 and UML diagrams



**Initiative: Upgrade ELMO's Identity Server to implement OAuth2 Device Authorization Flow (here)**

- Principal security architect and team lead
- Mobile app login via QR Code
- Implemented IETF specs
- Improved upon existing specs to make the authorization flow more secure
- Implemented CI/CD and automated security scanning



**2022-23**

**Initiative: ELMO Integrations Platform**

- Principal architect for the entire platform
- Built reusable and scalable integrations platform between ELMO and third-party vendors
- Built ELMO's public API architecture and infrastructure. Sample User API here.

**Initiative: Build an effectivity system that can be attached to data**

1. Principal architect
2. Worked on temporal patterns and date effectivity systems.

**2021-22**

**Initiative: Worked on architectural governance framework to govern onshore and offshore teams**

**Initiative: ELMO IAM**

- Principal architect on ELMO's Identity and Access Management System
- Support for ELMO systems to act as Identity providers and service providers
- OpenId Connect, OAuth 2.0, SAML and JWT authorization frameworks implemented
- Implemented System for Cross Domain Identity Management - SCIM

**Expert in:**

- **Integration Systems**
- **Identity and Access management systems**
- **Single and multi-tenanted architectures**
- **Maintaining transactional consistencies in distributed systems**
- **Detecting bottle-necks and scaling systems**
- **Evolutionary architecture**
- **Building modular monoliths and breaking down monoliths into microservices**
- **Domain Driven Design practices. Event storming, tactical and strategic design**

**Some of my publications (see next page):**

- **API Standards**
- **Load-testing for goodput**
- **Right-sizing your service areas - a microservice guide**

# API Standards

Owned by Faraz Ali Zuberi •••
Last updated: May 03, 2024 • 38 min read • 114 people viewed • Request approval

# Load Testing and Planning for Goodput

Owned by Faraz Ali Zuberi •••
Last updated: Sep 20, 2023 • 24 min read • 14 people viewed • Request approval

DRAFT

# Right Sizing your Service Areas

Owned by Faraz Ali Zuberi •••
Last updated: Feb 01, 2023 • 12 min read • 56 people viewed • Request approval

## Status

RATIFIED