

Tianwei(Terry) Lun

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Technology Summary

- JavaScript, TypeScript, PHP, Python, Java, C#, HTML, CSS, jQuery, C/C++
- React, Angular, React Native, Next.js, Expo, Node.js, SQL, NoSQL, GraphQL, Serverless, RabbitMQ
- Atlassian, Git, AWS, GCP, OpenAI API, Ollama, Docker, Unity

Projects

Member Self-Service Portal - Oliver Benefits Administration Software

- Cross-platform multi-tenant public-facing app for submitting claims and managing benefits.
- Owned key parts of architecture, including monitoring, localization, styling framework, CI pipelines, push notifications, and a shared component library.
- Delivered features using Expo, TypeScript, and Tamagui (Tailwind-like framework for React Native).

Benefits Admin Portal - GroupHEALTH Benefit Solutions

- Internal web app used by 1,000+ reps to manage 1M+ active benefit accounts.
- Designed and launched secure claim payment workflows processing millions in monthly payouts, with fine-grained role controls and full audit logging.
- Implemented robust validations and features for premium rate tables and client YTD process.
- Modernized PHP backend codebase with core language version upgrade, improving security and maintainability.
- Optimized React frontend via component colocation, virtualization, and lazy loading — cutting page response time from 10s to 10ms in complex forms.

Document Collaboration App – Reva Solutions

- Enterprise-grade file management and collaboration platform.
- Provisioned and managed serverless infrastructure on AWS.
- Designed and delivered secure front-end interface, backend APIs, and NoSQL data models for real-time document access and workflow orchestration.
- Built with React, NodeJS, AWS (S3, Lambda, SQS, DynamoDB, Cognito) and GCP (Document AI).

Work Experience

Software Engineer, Oliver Benefits Administration Software 2024-2025

- Drove implementation of core frontend architecture and delivery of a new cross-platform member-facing application, developed using TypeScript with Expo and React Native.
- Took ownership of system-level concerns (CI/CD, monitoring, localization), ensuring smooth deployment and user experience consistency across web and mobile.

Associate Software Engineer, GroupHEALTH Benefit Solutions 2022-2023

- Developed and maintained features across an enterprise benefits platform.
- Delivered secure code with strong test coverage, ensuring data integrity and compliance with industry regulations.

Junior Software Developer, Reva Solutions, Co-op, 2021

- Sole developer of a serverless JavaScript web application built with Node.js and React; owned system design, infrastructure, backend, and frontend development.
- Maintained and enhanced a document capture platform used for internal operations.

Education

GCP Certification - Professional Collaboration Engineer – 2021

AWS Certification – Certified Cloud Practitioner – 2020

Diploma – Computer Systems Technology – BCIT, Vancouver, BC

Bachelor of Arts – Combined Business and Economics – University of Regina, Regina, SK – 2009