Dylan Wong

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EXPERIENCE

Talka.ai   January 2022 - April 2022
Software Engineer   *Toronto, Canada*
- Created, designed and deployed a data pipeline that fetches and stores video sales calls and metadata, used to download over 20,000 new customer calls and roughly 200 calls daily.
- Developed a text annotation extraction pipeline to automate the extraction of video annotations and populate call and company metadata to use for sorting and other dashboard features, increasing metadata coverage from 15% to 74%.
- Built playlist features for selecting, extracting and saving highlighted text from time based video call transcripts.
- Wrote functionality to easily customize filter options depending on available customer call data.
- Implemented cursor pagination for various backend routes.
- *Python, TypeScript, React, MySQL, Docker, Cloud Run, Cloud Functions, Pub/Sub*

Remitbee Inc.   May 2021 - August 2021
Full Stack Developer   *Mississauga, Canada*
- Created a interactive business account dashboard and GraphQL queries and mutations for employees to interact with and manage business account info.
- Devised SQL queries to efficiently sort, join and group business and marketing data by different fields and wrote resolvers to display marketing information.
- Built marketing dashboard pages to view data in various charts and tables to better visualize user trends.
- Implemented an external event based server-side customer relationship system to provide marketing automation features.
- *JavaScript, React, Redux, GraphQL, SQL, Chart.js*

Efundrs Inc. | efundrs.com   November 2021 - Current
Main Developer   *Kelowna, Canada*
- Co-founded a business based around team based fundraising through e-commerce sales.
- Led development for creating a MVP based around allowing teams to create customizable fundraisers in terms of product, payout format and unique milestone based rewards to incentivize participation.
- Built out and made design decisions for the core back-end infrastructure and front-end.
- Signed up 3 vendors with plans of a complete launch in Fall 2022.
- *TypeScript, Express, Next.js, React, MongoDB, Shopify Storefront API, SendGrid, Auth0*

PROJECTS

Queue Platform | ⌂   February 2022 - Current
- Designed a URL redirection based queue to handle high traffic points on websites similar to ticket purchasing queues to enhance user experience. Key ideas are protected server side routes, easily configurable queues and no sensitive data exposed to the platform.
- Used background Goroutines to manage queue entries and provide redirect URLs with issued tokens that would be verified on through middleware with a queue secret.
- *Go, Gin, GORM, PostgreSQL, React, Next.js, Selenium*

Mangrove Golf | ⌂   May 2021 - August 2021
- Created a platform that provides golf players and coaches a variety of tools such as securely sharing swing videos, recorded lessons, presenting swing feedback audible by synced recorded audio and visually through drawing features through recorded canvases.
- *TypeScript, Node, React, MongoDB, GraphQL, S3*

SKILLS

Languages: TypeScript, JavaScript, Go, Python, Java, C, C++, SQL
Technologies: React, Node, Express, MongoDB, GraphQL, Apollo, Redux, Vue.js
Developer Tools: Git, Docker

EDUCATION

University of Waterloo   Waterloo, Canada
Bachelor of Software Engineering   *Sep. 2020 - Apr. 2025*
- Cumulative Average: 90.7%