
Experience

Meta

Mar. 2022 – Present

Software Engineer

Bellevue, WA

- Currently working on OnDemand and DevServer, critical internal developer infrastructure tools that power code authoring and build workflows for thousands of engineers
- Fixed a critical visibility bug in Marketplace ratings and reviews, making several million previously hidden reviews public and significantly improving buyer confidence
- Built and maintained key Instagram web calling and messaging features using React, JavaScript, and GraphQL
- Developed real-time messaging capabilities for Instagram web, implementing data synchronization across multiple devices and platforms
- Contributed to Messenger Desktop app using React Native for macOS and Windows platforms, supporting millions of daily users
- Collaborated across multiple teams to implement cross-platform features and ensure consistent user experience
- Participated in code reviews, technical discussions, and knowledge sharing to improve team productivity and code quality

Projects

Syntune | [Source/Live demo](#) | *TypeScript, Express, Redis, Vue, Sass, Docker*

April 2020

- A web app built in a team of two that can sync sound files across multiple peers and control playback via a single host
- Synchronization, audio playback and distribution of sound files implemented with webRTC using the PeerJS library
- Backend service to manage rooms built with Express, TypeScript and Redis, deployed in a Docker container on Heroku
- Responsive frontend client built using Vue.js, Typescript and Sass

Webgallery | [Source/Live demo](#) | *Node.js, Express, Bcrypt*

April 2020

- A web app that allows users to upload images, view each other's images and comment on them
- Node.js backend using express.js for the RESTful HTTP API, and a NoSQL database for the data layer
- User accounts implemented using session based authentication following best practices
- Frontend built from scratch without frameworks following an event driven architecture

LIVE Blueboard DevOps | [live-competition.org](#) | *Django, Postgres, Angular, Docker*

Nov. 2019

- Volunteered as a DevOps engineer in an Agile team of four developers to help deploy a cloud business case competition management application used by over 100 competitors
- Created all Docker and Docker Compose infrastructure for the project and set up CI/CD pipelines for Microsoft Azure

Education

University of Toronto

Sep. 2017 – Dec. 2021

Honors, Bachelor of Science in Computer Science

Toronto, ON

- cGPA: 3.54/4.0, Dean's List
- Data Structures, Algorithms, Software Design, Web Development, Systems Programming, Databases, Operating Systems

Technical Skills

Languages: JavaScript/TypeScript, Python, Java/Kotlin, C/C++

Frameworks & Libraries: React, React Native, Node.js, Express, GraphQL

Developer Tools: Git, Docker, SQL and NoSQL databases

Methodology: Testing, Debugging, Agile, Design patterns, RESTful APIs, Problem solving, Teamwork