ERIC CHAN

🖥 okeric.com   ✉ hey@okeric.com   in linkedin.com/in/hazzel

Frameworks & Libraries & Tools
React/Typescript, NodeJS, AWS Serverless
(CloudFormation, Step Functions, Lambda,
API Gateway, etc), Keycloak, Terraform,
Docker, Kubernetes, PostgresSQL

Languages
Javascript, Python, SQL, HTML, CSS

Experience

Imply, *Software Engineer*   *Dec. 2020 - June 2022*

Built an API service to automate customer account creation with AWS SAM, reducing customer onboarding time
from ~4 weeks down to ~8 min. This led to an increase in sign ups and a greater conversion of trial to paying
customers.

Wrote an internal CLI tool using AWS Step Functions and Keycloak to provision SSO accounts for customers,
automating a repetitive task that saves countless hours for engineers on-call and empowers the customer
support team to be more self-sufficient.

Implemented security hardening features to mitigate bot attacks for a public-facing API, including ReCaptcha
token verification, email verification, OIDC authentication with Keycloak, API throttling, with additional Slack and
PagerDuty alerting integrations for greater API-security visibility.

Zeus Living, *Data Engineer*   *Jan. - March 2020*

Wrote Helm Charts to package a Looker linter application on Kubernetes, enabling engineers to configure, deploy,
version, and scale the application more efficiently.

Zeus Living, *Data Engineer (Co - op)*   *Sept. - Dec. 2018*

Designed a deployment architecture and wrote scripts to automate the deployment of trained pricing models, enabling
faster feature releases and reducing the engineering overhead for data scientists.

Jerry, *Software Engineer (Co - op)*   *Sept. - Dec. 2017*

Launched an iOS and Android mobile app with a very small team, working closely with the CTO and a product
designer, to implement core app functionality and interface using React Native, GraphQL and Relay.

PiinPoint, *Full Stack Developer (Co - op)*   *Jan. - April 2017*

Solely responsible for implementing core UI/UX using React, Redux, and Redux-saga for a location analytics web
app, and worked closely with a product designer to build new features critical to application functionality.

Connected Lab, *Software Developer (Co - op)*   *May - Aug. 2016*

Built interactive, data-driven web pages for a device management web app with custom search and filtering
functionalities using React and NodeJS.

BlackBerry, *Software Developer (Co - op)*   *Sept. - Dec. 2015*

Developed a scalable PHP REST API that facilitated the development of internal tools for the BlackBerry Network
Operations Centre (NOC).

Built a consolidated messaging web app in AngularJS that streamlines communication for BlackBerry NOC alerts.

Education

University of Waterloo, *Bachelor of Computer Science (Co - op)*   *2013 - 2019*