

<Aeri Jung />

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Skills

- **React / Redux / Recoil**
- **React Native**
- **Jest / Cypress / React Testing Library**
- **Javascript / ES6+**
- **Amazon AWS / DynamoDB**
- **Serverless framework**
- **Node.js**
- **Realm / Google Firebase / MySQL**
- **HTML5 / CSS3 / SCSS**
- **Github / GitLab / Bitbucket**
- **Atlassian Software**
- **Agile Project Management**
- **Adobe Photoshop / Illustrator / Figma**

Work Experience

Full-Stack Engineer Vivid machines

Toronto ON
Feb 2023 ~ Present

- Developed **real-time geographic information** updates using **Mapbox** on an **offline-first React Native** platform.
- Managed and modeled large volumes of data, optimizing mobile performance through effective utilization of **Realm**.
- Integrated **gRPC API** using **Docker**, ensuring efficient data exchange.
- Architected and designed systems to enhance UI/UX and optimize React state management.

Full-Stack / Front-End Engineer CleanSlate UV

Toronto ON
Dec 2020 ~ Feb 2023

- Created a **React Native mobile app** with **Bluetooth Low Energy (BLE) integration** using **Python**.
- Contributed to the **design and development** of the **communication architecture** and **characteristics for the BLE-enabled mobile app**.
- Created a **backend API using AWS API Gateway** and **DynamoDB** and Experienced in configuring and maintaining API Gateway resources.
- Skilled at **managing the full development lifecycle**, from concept to launch.
- Collaborating with IoT engineers to improve hardware and **React Native mobile app** with **Swift and Android** WiFi connectivity and syncing data performance via Bluetooth Low Energy (ESP 32).
- Implementing an **enterprise application using React, React Native (iOS and Android), Highchart** and **AWS** for device management, reporting, and sanitizing device analytic data.
- Developing and implementing **front-end architecture** to ensure solutions are maintainable, modular, and work well **across browsers and devices**.
- Creating **wireframes, prototypes, and interfaces** that meet client requirements.
- Creating and designing reusable **graphic UI components** using **Material UI** and building navigation components and providing solutions.
- Deploying a web app, connecting to **AWS Cognito for authentication** for clients to **various cloud environments** with the use of modern tools such as **AWS Amplify**.
- Fetching a large amount of data from the back-end using **API gateway Restful service**.
- Building **Rest API** using **Serverless Framework, AWS API Gateway, Lambda, and DynamoDB**.
- Managing **TestFlight builds, App Store, and Google Play** release.

Full-Stack Developer
Hesper

Montréal QC
Apr 2019 ~ Dec 2020

- Implemented SaaS Application using React, Redux, Contentful, Google Map, Algolia, AWS, and MySQL.
- Implemented Responsive design and Cross-Browser compatibility.
- Communicated with Designer to build pixel perfect **Wordpress website** using **PHP, jQuery, HTML5** and **CSS3.**
- Developed OCR API using Node.js, Regex and Azure Computer vision

Software Engineer Intern
Nuance Communications

Montréal QC
Jan 2019 ~ Apr 2019

- Migrated components from **AngularJS** to React.js.
- Shared and version-controlled source code with **Gitlab.**
- Created React application using Webpack.
- Worked independently and collaborated with team members in remote offices.
- Built a **Electron** Desktop application with React.

Front-End Developer
TMRRW inc.

Sarnia, ON
Mar ~ Dec 2018

- Implemented Single-Page Application using React, Redux and Firebase.
- Integrated **REST and third-party APIs** such as Stripe, Google Map, Facebook authentication and Uploadcare with React web application.
- Shared source code on Github with development team.

Front-End Developer
Brand Designer
Web Design volunteer
The CUBE
SarniaTech

Sarnia, ON
Sep ~ Nov 2017

- Designed SarniaTech brand to increase awareness of tech industry in Sarnia.
- Developed a **Responsive website** using **Bulma CSS3** framework, jQuery Javascript library and **GreenSock** for advanced Javascript animation.
- Designed Responsive website.
- Improved **UI Design** and implementation of an existing website.

Education

Computer Software and Database Development
Lambton College

2019
Post-graduate
GPA: 3.76/4.0

Multimedia Design
Open Cyber University

2015
Bachelor Degree
GPA: 3.7/4.5

Visual Design
Seoul Institute of the Arts

2007
Associate Degree
GPA: 3.7/4.5