

# <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**
- **Google Firebase / MySQL**
- **HTML5 / CSS3 / SCSS**
- **Github / GitLab / Bitbucket**
- **Atlassian Software**
- **Agile Project Management**
- **Adobe Photoshop / Illustrator / Figma**

## Work Experience

### **Full-Stack / Front-End Engineer CleanSlate UV**

Toronto ON  
Dec 2020 ~ Present

- 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.

**Front-End Developer**  
**Contractor**  
**Daekyo Eye Level**  
**Education Hana Bank**  
**Incheon Airport**  
**Hyundai Securities Co.**

Seoul, South Korea  
Dec 2014 ~ Aug 2017

- Modernized table based layout using clean and intuitive HTML5, CSS3 styles and jQuery.
- Managed and delivered products on time.
- Redesigning existing web-apps to improve **user experience** using **responsive design principles**.
- Maintained existing website and worked closely with designer and back-end developers.

**Front-End Developer /**  
**Web, Mobile and**  
**Brand Designer**  
**WIZWIN DIGITAL**  
**Software**

Seoul, South Korea  
Jan ~ Dec 2014

- Planned and designed websites and mobile responsive websites.
- Analyzed and reduced program development time.
- Worked closely with project managers on business requirements and technical specifications.
- Created cross-platform Mobile Application with HTML5, CSS3 and jQuery mobile.
- Designed brand identity with marketing strategies.

**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