

# Jananadi Wedagedara

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## Skills

- Technical Skills:** Languages: Java, JavaScript, Typescript, React, Vue, HTML, CSS/Sass, GraphQL, SQL  
Database Systems: MySQL, PostgreSQL  
Frameworks/Platforms: NodeJs, NuxtJs, NextJs, NestJs, Spring Boot, Prisma ORM  
Cloud/DevOps: AWS, CI/CD (GitHub Actions), Git  
Tools/Techniques: Web Performance Optimization, SEO, WebPack
- Soft Skills:** Problem solving, Critical thinking, Adaptability, Open-Mindedness, Teamwork
- Language Skills:** English (Fluent/Advanced proficiency), Korean (Working proficiency), Sinhala (Native proficiency)

## Professional Experiences

### *Software Engineer, Front End* **ONDA (T-Port) Co., Ltd.**

*May 2020– Present*  
*Seoul, Republic of Korea*

- **Optimized site performance**, and **SEO** by using **caching**(Apollo Caching), **routing**(Vue Router), **state management** (Vuex) which **reduced rendering time** by 50%, network traffic by 40% and **increased customer retention** by 30%.
- **Automated** property owners' requests and **increased the efficiency** by 65% in customer service teams by implementing an inquiry tool for property owners, with minimal technical cost.
- **Optimized UI/UX for mobile** use, using Vuetify by identifying the bottlenecks through **usability interviews**.
- Integrated **internationalization(i18N)** which helped to grow customers outside South Korea by 10%.
- Implemented key **UI/UX features** for a global software product while carrying **product ownership** as a unit.
- Exposed to thorough **code reviews** in-order-to deliver best quality code while **providing mentorship**.
- Worked with a team of product managers, backend developers, designers to **deliver quality UX**.
- Participated in the **system design process**, considering latest travel property industry requirements
- Implemented **RESTFul APIs** for crud operations using **Prisma ORM**.

**Projects:** [ONDA WAVE](#), [Inquiry Site for Property Owners](#), ONDA PMS, ONDA Direct

*Tech Stack: NodeJS, TypeScript, NuxtJs, VueJs, HTML, CSS(Sass), GraphQL, MySQL, AWS, Google Cloud*

### *Software Engineer, Back End* **Corners Co., Ltd.**

*Feb 2018– May 2020*  
*Seoul, Republic of Korea*

- Developed, tested, deployed, and maintained **RESTFul APIs** to deliver **IoT sensory data** (audio, gas, temperature) to/from gateways detect emergency situations.
- **Migrated offline API documentations to a fully automated online system** for both technical/non-technical staff members using Swagger UI. This **mitigated communication confusions** between company teams and improved productivity.
- **Optimized server** and **increased query performance** by 20% using **database indexing**.
- Analyzed gas/temperature data using **visualization methods** to **recognize anomalies** in IoT devices, which helped increase the accuracy of the sensors.

**Project:** [IntelEvac](#) (Real-Time Disaster Evacuation Guidance Project), [InteleGuide](#)

*Tech Stack: Java, Spring Boot, Maven, JavaScript, NodeJs, Express, R, R Studio*

**Software Engineer, Back End**  
**SK Hynix (Contract through SK-Telecom)**

May 2019–May 2019  
Seoul, Republic of Korea

- Improved & maintained existed **RESTFul APIs** to deliver IoT sensory data (gas, temperature) to installed **LORA devices** detect emergency situations.
- Improved efficiency of field-engineers by 5%, transitioning API documentation to Swagger, UI from traditional offline documentation.
- Utilized tools **PostgreSQL & R, ggPlots diagrams** for **data intelligence & analysis**.

**Software Engineer, Back End**  
**Morris County Public Safety Training Academy (Contract)**

Nov 2019–May 2020  
Seoul, Republic of Korea

- Implemented, tested, deployed **RESTFul APIs** to deliver audio, gas and temperature sensory data to/from installed IoT gateways.
- Tested **IoT data communication** via **MachineQ LoRaWAN gateway** for project environment settings.

**Project:** [IntelEvac](#) (Real-Time Disaster Evacuation Guidance Project)

*Tech Stack: JavaScript, NodeJs, Express, Java, Spring Boot, Maven*

**Software Engineer, Intern, Full Stack**  
**Jumbo Soft**

Nov 2017– Dec 2017  
Seoul, Republic of Korea

- Designed, developed, and deployed a **web-toon platform** from the ground up.
- Initiated on **integrating Single-Sign-On** for a convenient user login experience using Google, Kakao, Naver **APIs**.

**Project:** [MangoToon](#)

*Tech Stack: HTML, CSS, Javascript, MySQL, PHP*

**Software Developer, Front End.**  
**Contents Marketing**

May 2017– Oct 2017  
Seoul, Republic of Korea

- Implemented **UI/UX features** to e-commerce website ([Sichime](#)) which **increased retention rate** by 5~10%.
- **Developed an Android application** to display daily web content related to the e-commerce site.

*Tech Stack: JavaScript, PHP, HTML, CSS*

**Education**

*Hanseo University, South Korea*  
**Bachelor of Aerospace & Software Engineering**  
(Specialization: Software Engineering)

GPA (Overall): 3.86/4.5  
Feb 2017

*School of Computing, University of Colombo*  
**Diploma in Information Technology**

GPA (Overall): 3.2/4.0  
Dec 2011

**Awards and Recognition**

- Contributed to project [IntelEvac](#) (Intelligent Evacuation System), which won [CES innovation award 2020](#).
- Vice President of Membership, Seoul Professional Toastmasters Club (2022.06 - Current)
- Recipient of a fully funded South Korean Red Cross College Scholarship to study at Hanseo University, South Korea. Got selected as one of two recipients by the Sri Lankan Red Cross Youth out of 50+ applicants.