

# Jananadi Wedagedara

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## Skills

- Technical Skills:** Languages: JavaScript, Typescript, Java, HTML, CSS/Sass, GraphQL, SQL  
Database Systems: MySQL, PostgreSQL  
Frameworks/Platforms: NodeJs, ReactJs, VueJs, NuxtJs, NextJs, Vercel, NestJs, Spring, 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* **Tokamak Network**

*Jan 2023 – Sept 2023*  
*Seoul, Republic of Korea*

- Implemented critical **UI/UX features** for a high-quality global **Web3** software product, collaborating with project managers, designers and developers, driving a 30% increase in traffic.
- Carried **product ownership** as a unit to increase user engagement by 40% through implementation of new features.
- Participated in the **architecting the front-end software system**, considering latest Web3 requirements and trends.

**Projects:** [Tokamak Titan](#), [Tonstarter](#), [Tokamak Network](#)

*Tech Stack: NodeJS, TypeScript, NextJs, ReactJs, VueJs, HTML, CSS(Sass), Uniswap API, web3js*

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

*May 2020 – Jan 2023*  
*Seoul, Republic of Korea*

- Optimized site performance** and **SEO** by using Apollo Caching, Vue Router, Vuex, **reducing 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.
- Optimised UI/UX for mobile** use, using Vuetify by identifying the bottlenecks through **usability interviews**.
- Integrated **internationalisation(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**.
- 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 sensor data** (audio, gas, temperature) to/from gateways detect emergency situations.
- Migrated offline API documentations to a fully automated online system** for technical/non-technical staff members. **Mitigated communication confusions** between company teams and improved productivity.
- Optimised server** and **increased query performance** by 20% using **database indexing**.
- Analysed gas/temperature data using **visualization methods** to **recognize anomalies** in IoT devices, which increased the accuracy of the sensors.

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

## **Software Developer, Full Stack**

May 2017–Jan 2018

### **Contents Marketing, Jumbo Soft**

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.
- 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:** [Sichime](#), [MangoToon](#)

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

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## **Contract work**

### **Software Engineer, Back End**

Nov 2019–May 2020

### **Contents Marketing, Jumbo Soft**

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, Back End**

May 2018–May 2019

### **SK Hynix (Contract through Corners Co., Ltd)**

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**.

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

*Tech Stack: Java, Spring Boot, Maven*

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## **Education**

*Hanseo University, South Korea*

**Bachelor of Aerospace & Software Engineering** (Specialization: Software Engineering)

*School of Computing, University of Colombo*

**Diploma in Information Technology**

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## **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 - 2023)
- 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.*)