Jananadi Wedagedara

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Location: Mellieha, Malta, EU

LinkedIn: https://www.linkedin.com/in/jananadiw
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Skills

Technical Skills:	Languages: JavaScript, Typescript, Java, HTML, CSS/Sass, GraphQL, SQL
	Database Systems: MySQL, PostgresSQL
	Frameworks/Platforms: NodeJs, ReactJs, VueJs, NuxtJs, NextJs, Vercel, 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   *Jan 2023 – Sept 2023*
Tokamak Network   *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   *May 2020 – Jan 2023*
ONDA (T-Port) Co., Ltd.   *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 though **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   *Feb 2018– May 2020*
Corners Co., Ltd.   *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

Contract work

Software Engineer, Back End *Nov 2019–May 2020*
Morris County Public Safety Training Academy (Contract through Corners Co,. Ltd) *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*

Education

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

School of Computing, University of Colombo
Diploma in Information Technology

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.*)