

Maria Hirai

Software Engineer | Los Angeles, California (Open to Remote, Relocation) | (424) 408-9832
maria.hirai6417@gmail.com | linkedin.com/in/mariahirai | github.com/maria6417

TECHNICAL SKILLS

Front End | JavaScript (ES5 and ES6), React, Axios, HTML5, CSS, Styled Components, Zustand

Back End | Node.js, Express, Java, Springboot, SQL, PL/SQL, MongoDB, Postgresql, Linux, Nginx

Testing/Deployment | Jest, Mocha, Chai, K6, Loader.io, AWS, OCI, Heroku

Developer Tools | Vim, Git, pm2, npm, npx, Webpack, Babel, Agile Methodology, putty

SOFTWARE ENGINEERING APPLICATIONS

Full Stack Engineer / UI Designer, Waggl github.com/Hidden-In-The-Leaves/waggl 2022

A social media platform to help dog owners find like-minded dogs

- **Led team** of 7 and efficiently communicated, delegated tasks, and provided support to team members
- Designed and developed with the **reusable component system** to increase scalability and reusability
- Implemented **React Router** to enable efficient multi-person development

Full Stack Engineer, Journey github.com/maria6417/Journey 2022

A photo journal CRUD app that keeps track of your journey on a colored world map

- Defined and developed a 2-day **MVP** and built a full CRUD feature
- **Programmed authentication** using Bcrypt and **persisted sessions** with cookies
- Utilized Material UI for React forms and headers, and JVector Map for a map feature

Full Stack Engineer, NixAtelier github.com/maria6417/NixAtelier-UI, github.com/maria6417/ReviewsAPI 2022

Converted legacy e-commerce website to a modern UI microservices architecture

- Operated on **Agile Methodology** and **Test-Driven Development** to build modern UI and REST API
- **Scaled server** to handle a throughput of 1000 RPS with an average response time of 5ms
- Utilized database replication and SQL view (virtual table), which decreased storage by **9%** and write operations by **40%**
- Designed **caching and image optimization** logic to increase Lighthouse performance by **20%**

PROFESSIONAL EXPERIENCE

Staff Consultant | Oracle 2022-2022

- Designed and implemented **secure public cloud solutions** using Oracle's technologies and products for large enterprises to small companies
- **Collaborated cross-functionally** to migrate the client's existing cloud infrastructure from OCI classic to OCI Gen2. Shortened initial schedule by **20%** through effective communication

Associate Consultant | Oracle 2019-2022

- Rearchitected and redesigned existing digital map production system and data models to enable automated and efficient map creation, leading to a new **\$150K contract**
- Developed ETL application with **Java and PL/SQL** to evaluate the feasibility of the architecture, and achieved the target performance of processing and loading **2800 bulk of spatial data** per second
- Acquired the ability to learn, adjust and adapt to new technology in a short period

EDUCATION

Hack Reactor | **Advanced Software Engineering Certificate** | US Remote 2021

Waseda University | **Bachelor's Degree in Liberal Arts** | Tokyo, Japan 2015-2019

American University | **Exchange Student** | Washington D.C. 2016-2017