

# Hiro Yamamoto



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## PROFILE

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Growing up in Japan and moving to the United States has gifted me with a unique perspective on life and culture, which I incorporate into my problem-solving approach. This cross-cultural understanding allows me to approach challenges from different angles and find innovative solutions that others may not see.

As an expert in JavaScript and its supporting languages, libraries, and frameworks, I have developed several real-world applications that have made a tangible impact in various industries. Working with cutting-edge technologies like React, Node.js, and MongoDB, I have gained extensive experience in full-stack development that I would love to bring to a dynamic and growing business.

Being a team player and excellent communicator is as important to me as my technical skills. Collaboration and open communication are essential in any project, and I always strive to create a positive work environment where everyone's ideas are respected and valued. Joining a smaller team that values these qualities would be a dream come true for me as I continuously look to learn and grow as a developer.

## EXPERIENCE

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### Sr. Full Stack Developer, BelltSoft

Texas, United States | Sep 2021 – Apr 2023

- Worked closely with the product team to build intelligent search functionality in React for an ecommerce site with a catalogue of 5000 products leading to an increase in page views per session of 22%.
- Accelerated the loading time by 35% for the ecommerce site by implementing Code-Splitting and Optimizing performance with React, GraphQL and Laravel.
- Designed and developed a cloud-based application using AWS, resulting in a 40% reduction in infrastructure costs and a 20% increase in application scalability.
- Launched 16 websites and 7 mobile apps including 3 large mobile apps.

### *Projects*

#### - Ecommerce Website Development for JumaShop

**Skill:** E-commerce, Shopping-cart, React, PHP, Laravel.

**Link:** <https://jumashop.com>

[https://github.com/johncoffeeocean/juma\\_ecommerce\\_react\\_laravel](https://github.com/johncoffeeocean/juma_ecommerce_react_laravel)

#### **Challenge:**

- It had compatibility issues with the newer Windows versions, causing all sorts of bugs.
- Moreover, supporting such a system was a nightmare - the support specialists had to access the customer's desktop remotely, which was often impossible for security reasons.

**Solutions:**

- Supply management. Creation/tracking of orders to multiple vendors
- S2K ERP Integration. Allows to automatically update item availability and prices so that the users always have the latest information on hand
- E-commerce shopping cart development. Creating, editing, updating, deleting users and assigning them roles and access rights
- Reporting. Order and inventory reports that can be exported as .xls files

**- Instant Payment App Development for Mobile Banking**

**Skill:** FinTech, Mobile, React Native, iOS, Android

**Link:** <https://play.google.com/store/apps/details?id=com.sentbe>  
<https://apps.apple.com/us/app/sentbe/id1115554824>

**Result:**

- Person to Person money transfer. Users of this mobile app able to make instant payments (also known as “immediate payments” or “real-time payments”) to their contacts list using a mobile phone.
- QR code payment functionality. A QR-code generated by one user is then scanned by another to populate transfer form and quickly send money.
- Cryptocurrency Wallet. A built-in wallet to store multiple types of cryptocurrency.
- Recurring Payments. The system can send users automatic reminders to pay rent, utilities, or similar bills.
- Face ID Authorization. A user can log in to their account and authorize certain actions with their face (Apple devices only).

**- Dating App Development for MoonMeet**

**Skill:** Dating-app, Mobile, React Native, iOS, Android

**Link:** <https://play.google.com/store/apps/details?id=org.moon.moonmeet>  
[https://github.com/johncoffeeocean/dating\\_app\\_moonmeet\\_react\\_native](https://github.com/johncoffeeocean/dating_app_moonmeet_react_native)

**Challenge:**

- The app had limited compatibility with older mobile devices, leading to performance issues and bugs that negatively impacted the user experience.
- Furthermore, supporting these legacy devices was a challenge as they often lacked the required system resources to run the app smoothly. This resulted in increased support requests and longer resolution times for support specialists.

**Result:**

- Successfully developed a social media platform with a chatting feature using React Native for mobile Android devices.
- A fast messaging service delivers messages in the blink of an eye, even over a slow network. This kind of constrained environment is not an issue for Moon Meet.
- Use your existing phone number to securely communicate with your friends.

**Web | Mobile App Developer, TOSYS**

Tokyo, Japan | Nov 2019 – Jun 2021

- Worked on a team responsible for developing custom web applications and e-commerce websites for clients across various industries.
- Integrated multiple payment methods: I was responsible for integrating various payment methods such as PayPal, Payoneer, Stripe, and credit/debit card payments into the website.
- Integrated back-end APIs using NodeJS or Laravel to handle data storage and processing.
- Developed and Managed 10+ Websites (Including company website)

## ***Projects***

### **- Ecommerce Website**

<https://muji.com>

[https://github.com/johncoffeeocean/muji\\_website\\_react](https://github.com/johncoffeeocean/muji_website_react)

The site is a e-commerce website that allows consumers to buy a wide range of products online, including electronics, fashion items, beauty products, food and beverages, and more.

**Skill:** E-commerce, Next.js, React, Node, Open Graph

#### **Results:**

- Create new card called “Mugi Card”. Which rewards customers with points when they make purchases on the site. These points can then be redeemed for discounts on future purchases.
- Barcode scanner integration. Includes printing barcodes that could be scanned to quickly update inventory and make orders
- Customers can pay for their purchases using credit cards or popular online payment methods such as Paypal.

### **- Dental Clinic Website**

[https://github.com/johncoffeeocean/dental\\_clinic\\_mern](https://github.com/johncoffeeocean/dental_clinic_mern)

The dental clinic app is a software that assists patients with their dental appointments. It has features that enable patients to register as clients by providing personal information, which they can access later through their profiles. Once registered, patients can schedule appointments by selecting the date, time, and dentist of their choice. These features make it easy for patients to handle their appointments without contacting the clinic, providing them with convenience and an improved user experience.

**Skill:** Hospital React, Next.js, Node.js MongoDB

#### **Challenges:**

- The app should be designed to accommodate patients with disabilities, such as visual or hearing impairments.
- Patients may need to reschedule or cancel appointments at short notice, which can cause scheduling conflicts if not updated in real-time.
- Technical glitches, network issues, or software bugs can disrupt the app's functionality and create an unpleasant user experience.

#### **Solutions:**

- The app incorporated accessibility features like text-to-speech, high-contrast mode, or voice recognition to cater to patients with disabilities.
- The app should update the appointment scheduling system in real-time to avoid scheduling conflicts. Patients should also receive instant notifications when they schedule, modify, or cancel appointments.

## **Front-End Developer, Razoyo**

Tokyo, Japan | Dec 2018 –Sep 2019

- Work with an agile team of 12 members and provided end-to-end solutions for clients
- Design mock-up prototypes in HTML5/CSS3 for new features
- Collaborated with design and back-end teams to ensure seamless integration of front-end features.
- Design and implement new features using React.js, Vue.js and Angular.js
- Developed responsive layouts and optimized site performance for a variety of devices.
- Used version control tools such as Git to manage code updates and collaborate with team members.

## SKILLS

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- ❖ WordPress | Shopify | Squarespace
- ❖ React | Next.js | Vue.js | Adonis.js | Feather.js
- ❖ Node.js | Nest.js | PHP/Laravel | Python/Django
- ❖ React-Native | Flutter | Swift | Kotlin | Dart
- ❖ Amazon Web Service | Google Cloud Platform | Firebase | Docker

## EDUCATION

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Bachelor in Computer Science, University of Tokyo

Tokyo, Japan | Dec 2018

## LANGUAGE

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Japanese (Native) | English (Fluent) | Chinese (Conversational)

## INTERESTS

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Golf

Travel

Squash

Crypto

## CERTIFICATIONS

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Full Stack Web Development, *LinkedIn Learning*

Nov 2018

Certified Web Professional, *CIW*

Jun 2019

React Native Eseentail Traning, *LinkedIn Learning*

Apr 2021