

# DEREK Haru

## *Senior Full-Stack Web Engineer*

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I'm a Senior Full-Stack Developer with extensive experience and a degree in Computer Science. I'm passionate about my job and driven by results. I have exceptional problem-solving skills, a strong attention to detail, and thrive in fast-paced team environments. I'm a reliable individual with a proactive approach to achieving objectives.

Throughout my career, I've gained expertise in the full project life-cycle, from requirements gathering to testing and enhancement. I've led teams, mentored colleagues, conducted code reviews, managed changes, and documented projects.

My HTML/CSS/JavaScript skills are strong, and I'm proficient in most popular front-end libraries and frameworks, including React, Next, JavaScript/TypeScript/ECMAScript, SCSS, Sass, Tailwinds, Material-UI, and more.

I'm proficient in all phases of the Software Development Life Cycle (SDLC), including Analysis, Design, Development, Documentation, Testing, Deployment, Version Control, and production support.

## EDUCATION

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**Nagoya University**

*Computer Science/Bachelor*

**Furo-cho, Chikusa-ku, Nagoya, Aichi, 464-8601, Japan**

Apr 2011 – Mar 2015

## SKILLS

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- **Programming languages:** C++, JavaScript, TypeScript, PHP, Python, HTML/CSS, SQL
- **Frontend skill sets:** React, Next, Vue, Nuxt, Web3, jQuery, Redux, Angular
- **Backend skill sets:** Node, Express, Laravel, Django, GraphQL, Symfony, CorePHP, GoLang

- **DBMS:** MySQL, MsSQL, PostgreSQL, MongoDB, Firebase
- **Devops:** AWS, Azure, Docker, CI/CD pipeline, Circle CI, JIRA
- **VCS:** Github, Gitlab, Bitbucket
- **Operating Systems:** Windows, Linux, MacOS
- \* Responsible communication for each day(24/7 online).\*
- \* 2 months Free bug fixing and maintenance\*

## WORK EXPERIENCE

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### **Clavax Technologies LLC**

*Senior React Engineer*

**San Jose, California USA**

Apr 2018 – Nov 2022

- Completed 15+ Frontend and 6+ Backend using React, Next, Vue, Node, Laravel and Apollo GraphQL
- Reduced performance tuning of the legacy data storages and search queries of the critical progressive web application using DAX and ORD resulting in response time by 79%
- Analyzed the weblog data and extract the analytics from the data, Setup Hadoop cluster with 10 hosts (9 Data Nodes and 1 Master Node) using Cloudera Manager to process 7 TB of log data
- Collaborated with UX/UI design teams to improve checkout flow, increased conversion rates by 20%

### **Tacchi Studios**

*Junior FullStack Developer*

**Shibuya City, Tokyo, Japan**

Feb 2016– Apr 2018

- Authored an internal tool to automate QA and monitor customer facing web applications, resulting in an improved click through rate by 7%
- Accelerated alongside 2 developers to implement APIs which mediated the internal analytics team to increase the reporting speed by 24%
- Optimized loading and building time of React project with 50% by using route level code splitting, immutable data structures, production mode flag in Web pack, CDN and enabling Gzip compression on Web Server, etc
- Liaised Agile team across 4+ application domains, led architecture, design, and development of 5 new features

**Tacchi Studios**

**Shibuya City, Tokyo, Japan**

- Remained up-to-date with industry-standard technologies and mentored a team of 15+ junior developers
- Implemented designs and style guides into functional user interfaces, ensuring high performance and compatibility across all major browsers using the JavaScript libraries jQuery, MooTools and Knockout
- Learned the codebase, improved coding skills and wrote structured, tested, readable, maintainable code
- Facilitated maintain code quality, organization, and automation for 6+ applications
- Co-ordinated in developing and implementing systems architecture designs, patterns, and approaches

## Typical Projects

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### 1. <https://www.cinch.co.uk/>

Cinch.co.uk is a car business platform which users can buy, part exchange, apply for finance or pay in full and own perfect car. Converted the Figma design to React site using Gatsby

Defined Login/Register function, Email verification function using OTP, Social integration, Search, Finance calculation, Payment integration, FAQ, reCAPTCHA, live chat function using WhatsApp API integration, Optimization data fetching speed, etc

#### - Challenges

Optimized fetching time with 0.5s from backend. Used Debouncing, throttling, and request response matching ways

#### - Roles

Full Stack developer

#### - Technologies

React, Gatsby, React Bootstrap, React Hooks, JavaScript, Webpack, Node, AWS EC2, S3

### 2. <https://www.moneyfarm.com/uk/>

Moneyfarm is the largest online investment and digital wealth management company in Europe.

Invented core features for this project.

1) onboarding signing up by a new step covering personal details, anti-money laundering checks, investor profile questionnaire, customer verification

2) portfolio creation suggesting a portfolio's model based on customer's investor profile, time, and investment amount - reporting and billing an overview of customer's billing and invoicing as well as the reports

3) marketing automation optimizing contact management with 8 automation workflow templates

#### - Roles

Senior Full stack developer

#### - Technologies

React, Redux, Gatsby, Bootstrap5, Node, Socket, MySQL, AWS EC2, S3

3. <https://naoz.live/>

NAOZ is a brand-new year-round digital entertainment venue. The future-proof virtual entertainment world will bring musicians, artists, and communities across the globe together.

- **Roles**

lead developer of 5 team members

- **Technologies**

Three.js, React AWS Lambda, Serverless, MongoDB, Apache HTTP Server, API

4. <https://nomadtraveltools.com/>

I created store object on back-end and initialized the global store with this store information on front-end and this solved the challenge in SSR with Redux.

I used hydrate router instead of static router and rendered the React application on server side to resolve the challenge in SSR with React Router.

To figure out the challenge in Material UI theming, I rendered the React application on server side, grabbed the stylesheets required for material theming and component styling and finally prepended those styles to the rendered HTML file.

Using both Firebase hosting and functions, I deployed the application which is server-side rendered successfully. Here the trick was to redirect hosting to functions, so that it can be served via functions.

-**Roles**

Team Leader

-**Technologies**

React, Redux, React Hooks, Web3, Node, Smart contract, Ethereum, Netlify,

## Language

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- English: Fluent

## Certification

reactJS certification

Hacker Rank – Oct 31<sup>st</sup>, 2020

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