DANIEL MORI

Full-stack Developer

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SUMMARY

I am a talented and **result-driven** Senior **full-stack developer** with a focus on **front-end** development with **React** and **Next**. I am also strong in building mobile apps with **React Native** and specializes in dynamic languages such as **JavaScript**, **Python**, **Ruby**, **PHP**, etc. I am always passionate about working with motivated teams and getting things done. Currently, I prefer to work with **React**, **Next, Vue** and **Redux**. I strictly adhere to the DRY principle and KISS approach.

WORK EXPERIENCE

Senior Full-stack Developer

CodeBlue

C 2021 - 2022

- Designed and implemented user-friendly web applications using React, Angular and Node.js
- Developed back-end systems using Python and Node.js, integrating with MongoDB and MySQL databases
- Optimized the ERP platform for scalability and performance, using techniques such as server-side rendering and caching to improve load times.
- Developed a robust testing framework, using Jest and Enzyme, to ensure the platform was functioning as expected and to catch any potential bugs before they reached the end-user.
- Collaborated with cross-functional teams to identify and implement innovative solutions to complex problems
- Mentored junior developers, providing guidance and support to help them grow and succeed
- Participated in code reviews and provided constructive feedback to ensure high-quality code.

Senior React Developer

Massachusetts Institute of Technology

C 2020 - 2021

- Initiated the front-end project set up with React, Redux, Redux-saga, and Material UI for an open-source data visualization tool.
- Offered large interactive maps with Mapbox GL to navigate to a selected region.
- Implemented chart components for data visualization with VictoryChart and Material UI.
- Implemented a custom smooth scroll navigation with the sticky navbar.
- Rendered GeoJSON data to SVGs with custom area selection using D3.
- Implemented the Small Business Support data visualizations page and comparison page.
- Used Storybook to test all the components in isolation and document them.

Front-end Web Developer

Megawarne Consulting

C 2017 - 2019

- Implemented a new UI layout with Ant Design components.
- Refactored the authentication logic with redux-auth-wrapper.
- Implemented the WebSocket communication between the back end and front end through MessagePack, a binary serialization format.
- Executed showing the keld-level validation error message from the back-end API response with redux-form and promise handling.
- Tested and demonstrated React components using Storybook.
- Introduced the HOCs for code reuse, logic, and Bootstrap abstraction.
- Implemented the live detection view through the WebSocket subscription.

Front-end Web Developer

Nelou

C 2016 - 2017

- Built RESTful API endpoints for web and mobile apps.
- Developed cross-browser compliant front ends using AngularJS.
- Tested the front end using Jasmine and the back end using Mocha.
- Implemented the integration with Stripe for card-payment processing.

Full-stack Web Developer

Charibin

C 2015 - 2016

- Developed a fundraising auction system with MeteorJS.
- Improved the UI and UX with Bootstrap based on the mockup provided.
- Revamped the project set up and deployment with iron-cli and mupx.
- Built a module to cache the back-end API responses in the front end to improve performance.
- Conducted technical and functional research and analysis.

WORK EXPERIENCE

Web Developer

Manglobe, Inc.

C 2014 - 2015

- Worked as an internal developer to maintain and upgrade the web app for their internal management system.
- Scripted in Python and Shell for system administration and data processing.
- Led a team of developers, implementing business applications on top of the in-house developed RAD tool.
- Implemented a continuous integration and deployment process.
- Improved the development and testing workflow with virtualization and container technologies.
- Applied the image recognition engine using OpenCV C==.
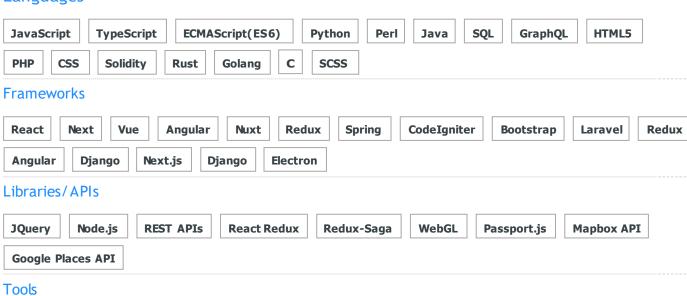- Developed customer engagement app.

EDUCATION

Bachelor's Degree in Computer Engineering

Tokyo University of Science

C 2009 - 2013   e Tokyo, Japan, AZ

SKILLS

Languages

| JavaScript | TypeScript | ECMAScript(ES6) | Python | Perl | Java | SQL | GraphQL | HTML5 |

| PHP | CSS | Solidity | Rust | Golang | C | SCSS |

Frameworks

| React | Next | Vue | Angular | Nuxt | Redux | Spring | CodeIgniter | Bootstrap | Laravel | Redux |

| Angular | Django | Next.js | Django | Electron |

Libraries/APIs

| JQuery | Node.js | REST APIs | React Redux | Redux-Saga | WebGL | Passport.js | Mapbox API |

| Google Places API |

Tools

| Git | Webpack 2 | Karma | VS Code | Jenkins |

LANGUAGES

English
Native

Japanese
Native