

Michael Hyung-Wook Lee

Senior Front-End Software Engineer

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<https://github.com/mlee-YAPI> • <https://github.com/mlee0416>

TECHNICAL EXPERIENCE

- | | | |
|--------------|----------------|-------------------------|
| • TypeScript | • Node.js | • React Testing Library |
| • React | • CSS | • Material UI |
| • NextJS | • Tailwind | • GitHub |
| • JavaScript | • Redux | • Splunk |
| • HTML | • React Router | • JIRA |

PROFESSIONAL EXPERIENCE

YAPI INC. (DENTAL CUSTOMER RELATIONSHIP MANAGEMENT SOFTWARE COMPANY) **NEWPORT BEACH, CA**

Senior Front-End Software Engineer

OCTOBER 2022 - June 2024

- Built over 6 performant and scalable core features of application using TypeScript, React, Node.js, and Material UI including login, user settings, SMS, online scheduling, patient profile, and insurance verification
- Organized senior team meetings to refine technical requirements before assigning stories which increased sprint completion by 20%
- Simplified code reviews by incorporating SonarCloud in GitHub actions to gate pull requests with at least 60% code coverage and zero code smell on new code
- Created long-term consistency among components across applications by using Bit component library
- Utilized React Testing Library and Jest to test components, API responses, and helper functions to ensure code quality
- Collaborated with cross-functional teams to confirm that tasks were in sync with back-end services and user interface

Software Engineer II

May 2019 - October 2022

Software Engineer I

- Promoted to Software Engineer II within 6 months due to demonstrated expertise in Javascript and self-initiative to learn TypeScript
- Combined REST API and PubNub webhook events to create real-time text messaging functionality and reduce lag by virtualizing large datasets
- Reviewed pull requests to avoid defects and maintain high coding standards
- Incorporated Auth0 into React application to secure user login information

Client-Facing IT Help Desk Specialist

July 2018 - May 2019

- Diagnosed and addressed problems customers faced when using application
- Advocated to improve applications on behalf of customers to keep customer trust

NETT SOLUTIONS (DIGITAL MARKETING AGENCY)

ALISO VIEJO, CA

Account Executive

APRIL 2017- JANUARY 2018

- Explained technical concepts to teach customers the value of digital marketing
- Evaluated digital ad performance data and created guides to optimize customer output

UNITED CHEMI-CON INC. (CAPACITOR MANUFACTURING COMPANY)

BUENA PARK, CA

Sales Executive

MARCH 2016-APRIL 2017

Account Executive

MARCH 2015-MARCH 2016

- Promoted to Sales Executive and oversaw all West Coast transactions worth \$250k per month
- Executed training programs with regional sales representatives to provide brand awareness that boosted distribution sales

PROJECTS

PERSONAL PORTFOLIO - [HTTPS://MLEE0416-GITHUB-IO.VERCEL.APP/](https://mlee0416-github-io.vercel.app/)

JULY 2024

- Created personal application using NextJS framework and Postgres as the back-end database
- Features include user authentication, updating user information, and built-in Pokemon trading card database

HOMEZONE SECURITY WEBSITE —HOMEZONESECURITY.COM (HOME SECURITY RETAIL COMPANY)

2018

- Created a commercial website from start to finish which included a landing page, contact us, and FAQ page
- Utilized various UI plugins to assist with meeting client's design specifications

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE

Irvine, CA

Certificate in Data Analytics Bootcamp

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Bachelor of Arts in Sociology