

# YiLin(Adam) Tsai- SOFTWARE DEVELOPER

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## SUMMARY

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Highly motivated and self-driven Full-Stack software engineer proficient in using JavaScript for front-end and back-end programming, React, HTML, CSS, API implementing, Node.JS, Express, PostgreSQL, and frameworks like Bootstrap. Seeking to apply technical skills in an entry-level software development position.

## TECHNICAL SKILLS

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**Frontend:** HTML, CSS, JavaScript, React.js, and Bootstrap

**Backend:** Node.js, Express.js, RESTful APIs, and PostgreSQL

**Tools:** Mocha, Chai, Knex, Git, GitHub, Heroku, Node Package Manager, Visual Studio Code

**Additional Skills:** Mandarin, Japanese

## EXPERIENCE

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*Thinkful*

Remote

### Software Engineering Program

02/2023 – 10/2023

- Learned industry best practices and software development standards with a focus on JavaScript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful API's, algorithms, and data structures.
- Developed and deployed mobile-first applications while learning new languages and frameworks, spending several hours per week collaborating with senior web developers in a mentor-student relationship.
- Produced professional projects from concept to completion including:
  - **Restaurant Reservation Application | reservationapp.adamtsaidev.com**
    - Worked with a full stack reservation and table management system.
    - Implemented a React router and Express to build a RESTful API, to make HTTP requests for all the reservation data stored in the connected PostgreSQL database.
    - Created CRUD functions and Knex queries to handle data going to and coming from databases.
    - Used Git to track versions while keeping sensitive information from being pushed to repositories.
    - Technology: JavaScript, React, Express.js, Knex, HTML, CSS, PostgreSQL, Restful API.
  - **Study Tool Application | flashcardapp.adamtsaidev.com**
    - Created an application that allows users to create, edit, and delete decks and cards within them.
    - Created a REST API and middleware functions to allow user(s) to create, read, update and delete their perfect deck of study cards.
    - Defined routes and URLs, and used state over multiple components.
    - Technology: JavaScript, React, Express, Knex, HTML and CSS. Versions tracked with Git.
  - **Encryption/Decryption Application | decoderapp.adamtsaidev.com**
    - Built to be an encryption/decryption application to communicate and read top-secret messages.
    - Created utilizing the test-driven development method.
    - Technology: JavaScript ES6, HTML5, Node.js, Bootstrap, Mocha, Chai.

*Apple Inc.*

Cupertino, CA

### AppleCare Partner Relation Advisor

04/2018 – Present

- Provide administrative support and promote the use of available program resources.
- Accurately and efficiently guide current program members to the correct resources.
- Achieved 93.62% in Quality Standard Adoption Rate and 87.88% customer satisfactory rate.
- Awardee of Fight for Excellence Award, evaluated in teamwork, innovation, and results category.

## EDUCATION

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*Thinkful*

Remote

### Certificate, Software Engineering Program

10/2023

- Learned industry best practices and software development standards with a focus on JavaScript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful API's, algorithms, and data structures.
- Developed and deployed mobile-first applications while learning new languages and frameworks, spending several hours per week collaborating with and learning from senior web developers in a mentor-student relationship.

*University of California, Santa Barbara*

Santa Barbara, CA

**B.A., Japanese Language and Culture**

06/2016