

# Mauricio Macias

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## SKILLS

- **Front End Technologies:** HTML5, CSS3, JavaScript, Bootstrap 4, React, Typescript, Mobx
  - **Mobile Development Technologies:** Flutter, SwiftUI, Java, React Native
  - **Databases Technologies:** SQLite3, MySQL, Amazon DynamoDB, MongoDB
  - **Back End Technologies:** PHP, Flask, Node.js, Express, Next JS, Spring Boot
  - **Programming Languages:** PHP, C++, C#, Java, Python, Dart, Swift
  - **Data Science Technologies:** Python, Pandas, Numpy, R, Excel
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## WORK EXPERIENCE

### Full Stack Developer

February 2022 – Present

*777 Partners*

- Decreased page load time by over 70% on heavy-load views by refracting components.
- Collaborated with developers to develop technology for Bonza, an Australian low-cost airline.
- Maintains corporate standards for deploying companies SDK's that are used throughout companies applications.
- Successfully implement features such adding boarding pass to apple wallet, push notifications, and etc.
- Expertise in creating Custom Reusable React Components Libraries that work with Mobx architecture using complete object oriented concepts in improving performance of both website and mobile app.
- Introduced Google Analytics to track visitor interactions throughout companies applications.
- Debugged errors and improved performance for client monitoring application in order to have it to be a robust product that is ready to be released to the public.
- Proficient in developing web and mobile applications with Next.js, React.js, and React Native.

### Full Stack Developer

June 2021 – February 2022

*Howe Neat, Inc.*

- Optimized content delivery and decreased asset load times by 30% by deploying and distributing assets.
  - Worked with a small team as the object relations modeler of a web application that monitors the real-time status of IOT-based agriculture elementary devices.
  - Developed structured data models for the company's web app using Express js, Mongoose and MySQL.
  - Implemented a JSON REST API server in Flask which captures JSON objects to analyze and manipulate sensor data utilizing Pandas DataFrame API.
  - Set up a Firebase Cloud Messaging API service for a client's mobile device notification infrastructure.
  - Generate dashboard information for users using system tools, stored procedures, and database queries/scripts using Next js and React.
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## EDUCATION

### California State University, Fullerton (CSUF)

December 2020

*Bachelor of Science in Computer Science*

- **Relevant Courses:** Artificial Intelligence, Computer Security, Database and Applications, Machine Learning, Mobile IOS Development, Software Engineering, Web Front-End Engineering, Web Back-End Engineering