

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, PostgreSQL, 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 effectively with a company to design and develop innovated technology solutions for a 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.
- Developed and maintained high-quality, cross-platform mobile applications and websites using 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.
 - Utilized MongoDB and Express.js to create scalable and efficient data models that met the companies needs.
 - 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.
 - Created queries/scripts to extract and manipulate data from the database to populate dashboards.
 - Proficiently maintained and updated legacy PHP-based backend systems for Coastal Vitality Consulting, ensuring their optimal performance and stability.
 - Successfully migrated a PHP and JQuery stack to the MERN (MongoDB, Express.js, React, and Node.js) stack, improving efficiency and scalability of the system.
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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