

Mauricio Macias

Los Angeles, CA | (714) 469-0029 | mauricio.macias2535@gmail.com | <https://theerrormaster.github.io/>

SUMMARY

Results-driven Full Stack Developer with hands-on experience in designing, developing, and deploying complex web/mobile applications and solutions. Proficient in a wide array of front-end and back-end technologies and a proven track record of delivering scalable and high-performing software systems. Skilled in addressing complex challenges, fostering innovation, and harnessing emerging technologies to achieve results while prioritizing clean code, collaboration, and ongoing learning.

SKILLS

- **Languages:** Java, Javascript, Typescript, PHP, Python C++, C#
- **Front-end/Mobile Development:** React.js, React Native, Flutter, Java, SwiftUI, Bootstrap
- **Data Management:** PostgreSQL, MySQL, SQLite3, MongoDB, Firebase
- **Back End Technologies:** Node.js, Express, Next JS, PHP, Flask, Spring Boot

PROJECTS

SympToDialog

June 2023

- Awarded with the esteemed AI Health Innovation Award at the Tech and Media Solutions to Reduce STIs Hackathon, a highly regarded event convened by the prestigious National Academy of Medicine.

EXPERIENCE

Full Stack Developer | 777 Partners

February 2022 – Present

- Spearheaded a critical initiative to boost web application performance by optimizing heavy-load views through strategic component refactoring, resulting in a 70% reduction in page load time while enhancing user experiences.
- Lead an innovative app development project by collaborating with our dynamic teams to envision, design, and execute a diverse array of features for our app via top-tier functionalities and ensuring a smooth and engaging user journey.
- Enhanced website and mobile app performance, accelerated development timeliness, and maintained code consistency by crafting custom and reusable React component libraries via comprehensive object-oriented principles.
- Implemented robust user authentication systems via Java Spring Boot to ensure the security of user data and interactions.
- Integrated and leveraged the Stripe Payment API to facilitate a secure and seamless transaction processing in various projects while enhancing the user experience and ensure the security of financial transactions.
- Developed essential libraries tailored to specific company needs, streamlining development processes, and promoting code reusability across projects which improved efficiency and reduced development time.

Full Stack Developer | Howe Neat, Inc.

June 2021 – February 2022

- Architected the object relations model, ensuring efficient data management and accessibility for a cutting-edge web application which delivered a real-time monitoring capability for IoT-based agricultural devices.
- Leveraged advanced techniques with the Pandas DataFrame API to maximize data processing efficiency and provide valuable insights for agricultural monitoring.
- Engineered a robust JSON REST API server using Flask, empowering the application to seamlessly capture, analyze, and manipulate sensor data.
- Enhanced legacy PHP-based backend systems while ensuring optimal performance and system stability through systematic updates and enhancements to guarantee uninterrupted operations.
- Successfully orchestrated the transition from a PHP-based project to a more efficient and scalable MERN (MongoDB, Express, React, Node.js) project which improved system efficiency, scalability, and code maintainability.

EDUCATION

California State University, Fullerton (CSUF) | *Bachelor of Science in Computer Science*