Michael Fernandez

Results-driven software engineering professional with over 10 years of experience. Proven ability to collaborate effectively and bring out the best in others within diverse teams and thrive in dynamic work environments, delivering innovative solutions.

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EXPERIENCE

Tea With Robots LLC
— Lead Software Engineer

August 2023 - Present

Continuously stay updated with industry trends and emerging technologies to develop and deploy modern scalable solutions. Design, develop, deploy and maintain Headruckus.com: An AI Image generator built with NextJS, integrating OpenAI, Stripe, and other APIS that contribute to a full-fledged secure, scalable, and easily maintainable SaaS product.

MagicLinks — *Front-End Developer*

December 2022 - April 2023

Develop and deploy new designed versions of existing front-end pieces. Collaborate closely with Product, UX, and Back-end engineers to build and deploy a newly designed data-intensive portal for displaying retailer metrics which utilizes modern frameworks and technologies including visx/D3 for charting, Next.JS, and Tailwind. Contribute to and publish propriety npm packages.

Heartbeat — *Full-Stack Software Engineer*

June 2021 - October 2022

Perform adaptive, preventative, corrective, and perfective maintenance to sustain and improve the code base. Actualize application features from designs created from Figma and other design sources. Resolve any tech-related issues if and when they arise. Organize and work with a scrum team, planning via poker, and project tracking via Jira.

RECENT ACHIEVEMENTS

- Deploy and release Head Ruckus, an AI Image Generator, responsive web application and product of Tea With Robots LLC
- NestJS Fundamentals and NestJS Auth certifications
- Apollo GraphQL Associate certification

SKILLS

- Adaptability /Agile
- Time-management
- Communication with awareness across differing technical backgrounds
- JavaScript
- TypeScript
- React
- Node.js
- Express
- TailwindCSS
- Next.js
- NestJS
- GraphQL
- Apollo
- Git
- Github
- PostgreSQL
- MySQL
- MongoDB
- AWS

Digital Schools — *Software Engineer*

December 2017 - August 2019

Develop a new front-end Angular 2+ application. Improve and expand preexisting .NET back-end. Understand and interpret ActionScript from a legacy Flash application to adapt for modern and emerging technologies.

EyeMax Vision Plan, Inc. — *Software Engineer*

December 2017 - August 2019

Develop and deploy features for EyeMax's CRM to manage interaction between EyeMax, eye doctors, patients, and eyewear manufacturers. Communicate and elaborate software requirements directly with the CEO of EyeMax from a non-technical standpoint. Convert software requirements into elements of a functioning software application.

McGraw Hill Education
— *Project Manager / Supplier Management Specialist*

May 2010 - December 2015

Integrate online production operations through the acquisition process of Bookette into CTB and McGraw Hill Education. Manage the digital production of state standardized testing web content and products. Lead and collaborate with colleagues on large projects. Convert print production content into web content built in HTML, CSS, and Javascript. Image illustration and optimizing in Adobe Creative Suites. Transition and adapt content cross-platform for desktop and mobile operating systems. QA testing of software functionality and content.

Education

Fullerton, California State University
Master of Science, Software Engineering

2019 - 2021

Monterey Bay, California State University
Bachelor of Science, Computer Science

2016 - 2017