

# Michael Fernandez

I'm a passionate, well-organized and motivated software engineer with over 7 years of professional experience working on all stages of the Software Development Life-Cycle.

## RELEVANT EXPERIENCE

### Digital Schools, Salinas — *Software Developer II*

December 2017 - August 2019

- Created a new human resources and administrative management Angular application for school districts and counties.
- Migrate Flex/ActionScript legacy code into Angular/TypeScript.
- Improved and expanded pre-existing .NET Core back end.
- Developed in an XP/Agile environment.

### EyeMax Vision Plan, Inc., Watsonville — *Software Engineer*

September 2017 - November 2017

- Developed features for EyeMax's CRM to manage interaction between EyeMax, eye doctors, patients, and eyewear manufacturers.
- Established software requirements directly with the CEO.

### CTB-McGraw Hill Education, Monterey — *Online Projects Manager / Supplier Management Specialist*

May 2010 - December 2015

- Manage teams to develop and deploy high-stakes and large-scale standardized testing web content.
- Organized multi-department procedures.
- Trained and managed vendors in mass production of content conversion from PDF files and books into web-based content.

## EDUCATION

### California State University, Fullerton *Master of Science in Software Engineering*

August 2019 - expecting May 2021

### California State University, Monterey Bay *Bachelor of Science in Computer Science*

January 2016 - May 2017

- Teaching Assistant for the course: *Programming and Problem Solving*.
- Officer of ACM (Association for Computing Machinery) student club.

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## BEST SKILLS / TOOLCHAIN

- JavaScript / TypeScript
- React / Redux
- GraphQL / Apollo
- Node.js / Express
- Prisma
- Dart / Flutter
- Git / Github
- PostgreSQL / MySQL
- MongoDB
- Quick to learn new tools

## RECENT PERSONAL PROJECTS

- **Eop:** App for image and video based documenting and exploration of events through journaling and surveillance. Uses GraphQL, Node, Express, Apollo, and PostgreSQL for API. Uses React with Redux for web app, and Flutter for mobile.
- **PostAR:** Mobile AR app built with React Native, Node, Express, and MongoDB. Allows users to post messages in augmented reality attached to GPS points.
- **Dating App:** Seeded prototype to demonstrate user and profile creation, authentication, authorization and best practices. Built with Angular front end and .NET Core back end connected to a MongoDB database.