

# Michael Martinez

Lead Engineer and Full Stack Developer

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[cv.mtzdesigns.com](http://cv.mtzdesigns.com)

## WHAT I BRING

- Object-oriented programming.
- AWS experience, VPC, EC2, Route 53, Lambda.
- MySQL & PostgreSQL experience with large data sets.
- REST API experience – building & maintaining.
- Debugging and integration skills.
- MVC experience, coding & debugging.
- Agile Scrum methodology in managing projects.
- Experience working with startups – web & embedded.

## EXPERIENCE

### Front End Developer, CroMetrics, Remote, 2019 - Present

Hooking in to existing web pages after page load, modifying content via ES6/DOM/CSS to perform A/B testing. Optimizing sites across a wide array of platforms and devices.

## SKILLS

**PHP & Python**- 15 years experience, object or procedural models.

**MySQL** - 15 years experience, Database Schema Design, Indexing.

**Javascript** - 15 years experience, ES6, Node.js, ExtJS, misc libraries.

**HTML / CSS** - 15 years experience, development across multiple platforms and devices.

**Other Languages** - Java, C, C++, Ruby, Assembly.

**Command Line** - expertise working within Command Line to setup small scripts. Installing & configuring Apache, PHP, MySQL

**Usage of Version Control systems** - Git & proprietary systems.

### Full Stack Developer, RCSAudit, Angel Fire, NM, 2006 - Present

Developed SaaS application. Configured server/database, developed server libraries and front end UI. Managed data set of millions of records, optimized schema/index.

### Freelance Engineer, MtzDesigns, 2008 - Present

Software development and optimization for web and mobile.

### Software Development, SnoCountry, Lebanon, NH, 1999 - 2019

Designed and developed web-based operations system - work flow analysis, database design, data API to external clients. Configured & administered Amazon VPC - 3 EC2 servers, NACL, Database server.

### Software Engineer, Raytheon, Tewksbury, MA, 1990 - 1999

Code, Team Code Reviews, Integrate & Troubleshoot Patriot Missile System.

## VOLUNTEER WORK

Executive Director & Coach, Team Angel Fire Ski & Snowboard

Race Director, Rough Riders 200 Endurance Cycling Event

Organizer & Coach, Angel Fire Summer Track Program

## EDUCATION

**Bachelor of Science** - Computer Science, New Mexico State University, 1989.

## ADDITIONAL INFORMATION

[cv.mtzdesigns.com](http://cv.mtzdesigns.com) for detailed experience/skill set and samples of work.