

Michael Ryan

Full-Stack Developer

I'm a passionate multi-disciplinary developer looking to grow and expand my skill-set. I love to work with cutting edge tech and I'm great at coming up with unique solutions to unique problems.

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WORK EXPERIENCE

Full-Stack Developer

Groove Jones, LLC.

11/2020 - Present

Dallas, Texas - Remote

Award-winning studio developing best-in-class AR/VR/Web digital experiences for marketing, sales enablement & training.

Achievements/Tasks

- Worked on award winning simulation training project as a full-stack developer.
- Developed a Scorm v1.2 Learning Management System (LMS) compliant online course according to clients needs.
- Added critical functionality to backend API written in PHP to interact with the Angular and Scorm v1.2 Front end.
- Refactored and secured backend API to modern standards in preparation for production launch.

Contact: Andrea Simone - Senior Developer -
andrea@groovejones.com

Co-Founder & Lead Engineer

Baseline Life, LLC

04/2015 - Present

Pittsburgh, PA - Remote

Provides an all encompassing and cost effective monitoring solution for at-risk individuals, giving EMS an immediate ability to save more lives.

Achievements/Tasks

- Broke the mold to create the latest in cellular IoT technology in a form factor smaller than a quarter, creating the smallest cellular device operating on the latest LTE frequency bands.
- Worked closely with U.S. Government to assist the Veteran's Association in developing and deploying a solution for their veterans suffering from PTSD and wandering episodes.
- Managed, designed, and developed all engineering efforts, bringing an idea from concept to working product, ready for launch in just 1 year.
- Successfully designed and deployed a full-stack web solution, combining static and dynamic servers using NodeJS for MQTT communication protocols; which resulted in an decrease in communication bandwidth by an overwhelming 98%, saving thousands of dollars.
- Incorporated technical considerations into website design plans, such as budgets, equipment, performance requirements, and legal issues including accessibility and privacy.
- Most work and other details are still under NDA because of close relation with U.S. Government and VA.

Contact: Ellen Riccio - Founder / CEO - (724) 333-7034

ACHIEVEMENTS

World's Smallest Cellular IoT Device (02/2018 - 08/2019)

In 2018, I created the smallest cellphone in the world while working at Baseline Life, LLC. I did it again in 2019 and in 2021 I'd like to keep that going. It's landed me in the government helping the VA and in many other areas. I'm very proud of it and cannot wait to see where else it can go.

TECHNICAL SKILLS

Languages

Javascript, NodeJS, Typescript, C#, HTML, CSS, SCSS, PHP, Java, jQuery, C++, Objective-C, MySQL, Python

Web/Desktop Technologies

Angular, React, Express, MongoDB, Electron, Ionic, Winforms/WPF, Apache, AWS, Shopify, Wordpress

BROAD SKILLS

Full-Stack Developer

Project Manager

Website designer & Graphic Artist

PCB Engineer, Cellular IoT

Embedded Software Systems Engineer

SOFT SKILLS

Exceptional Emotional Intelligence

Excellent Communication Skills & Follow Up

Efficient Time Management

Extremely Self Motivated

Effective Conflict Management

"Big Picture" Thinker

Strong Attention to Detail

Quick & Efficient Learner

Great Under Pressure

Goal & Deadline Oriented

Can Wear Multiple Hats At Once

EDUCATION

BS in Computer Science

Southern New Hampshire University

01/2021 - 01/2023

Pittsburgh, Pennsylvania (Online)