

Michael Ryan

Full-Stack Web Developer

I'm a Co-Founder of multiple startups and Full-Stack web developer looking to grow and expand my skill-set. I love to learn and I'm great at coming up with unique solutions to unique problems.



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WORK EXPERIENCE

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. Our service gives EMS an immediate ability to save more lives while being fully automated in the background.

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

Co-Founder & Engineer Krakn Studios, LLC

10/2019 – Present

Austin, Texas - Remote

StreamU gives users control of their live-stream from anywhere in the world across many platforms like Twitch, Mixer, Youtube and more.

Achievements/Tasks

- Assisted in engineering efforts developing the SaaS product "StreamU" that was originally conceptualized.
- Created desktop, mobile apps, website, and began working on hardware for StreamU.
- Secured investment funding, coordinated milestones, and structured overall development using an Agile methodology.
- Learned and improved multiple technologies to bring the product to a reality: Electron, Angular, NodeJS, and Ionic as the main technologies used.

Contact: Milan Harris - Co-Founder & Engineer – (832) 657-3977

ACHIEVEMENTS

World's Smallest Cellular IoT Device (02/2018 – Present)

In 2018, I created the smallest cellphone in the world while working at Baseline Life, LLC. I did it again in 2019, and I'm about to make it even smaller now in 2020. 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

Front-End Developer

Back-End Developer

Project Manager

UI/UX Designer & Graphic Artist

PCB Engineer

Cellular IoT Engineer

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

Teamwork makes the dream work

Quick & Efficient Learner

Great Under Pressure

Goal & Deadline Oriented

Can Wear Multiple Hats At Once