# MICHAEL RICHARDSON

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github.com/mdrichardson

# // Summary

Results-driven and ambitious full-stack engineer dedicated to building high-quality, efficient, and maintainable code. Successfully switched from an accomplished marketing career to one more fulfilling in software engineering. Determined to make a big impact quickly.

### // Skills

Languages: JavaScript/TypeScript, C#, Python

Frameworks: Node.js, Bot Framework, React, Angular, Express

Databases/Other: Docker, CosmosDB, MongoDB, SQLite, Postgres, Azure, AWS, Linux

# // Experience

#### Software Engineer | Microsoft (Contract)

• Submits bug fixes, implements new features, and ports code changes between SDK languages

• Promoted into position from Support due to work ethic, programming skill, attention to detail

• Implemented several solo projects with a high level of autonomy

#### Support Engineer 4 Microsoft (Contract-originally 6 months)

• 553 resolved issues. 45% more than the next highest on the team, who had 380

• Top 0.55% of StackOverflow rep growth in 2019, which grew 50% faster than next highest on team

• 56 Merged PRs and top PR Contributor (C#/Node) on Support, which was beyond scope of work

#### Marketing Manager | Regal Air

• Developed and maintained both of the comapny's websites (JS/PHP/HTML/CSS)

· Wrote script to merge customer databases between unrelated, 3rd-party programs (Python)

• Increased web traffic >200% through SEO; more than 50 students on training wait list

#### All Source Intelligence Analyst | Army National Guard (Part-Time)

· Managed 4 soldiers for completion of battalion intelligence, security, and planning tasks

- Recipient of Army Commendation Medal and Military Outstanding Volunteer Service Medal
- Consistently recommended for promotion ahead of peers in annual reviews

## // Projects

#### Portfolio and Blog | React, Node.js, Express, MongoDB, JavaScript

- Works in Chrome, Edge, IE, and is a mobile Progressive Web App
- Blog articles are stored in and retrieved from MongoDB
- Blog has a small, authenticated admin CMS for adding and editing posts and tags
- 100s on all Lighthouse Audits

#### Home Server | Linux, Docker, FreeBSD

- Integrages OPNsense firewall with proxy, reverse proxy, IDS/IDP, Letsencrypt
- Hosts portfolio, home automation software, Ubuntu VM, file server, docker containers

#### FUTpuppeteer | Python, Selenium, SQLite, 3rd-Party APIs

- Auto-clicking bot used to buy and sell players on EA's FIFA 18 Ultimate Team web app
- Numerous and extensive strategies and customization options
- Utilizes three unique 3rd-party APIs to gather market data and saves to database

## // Education

Master's Degree | Marketing Bachelor's Degree | Marketing

Gonzaga University
Washington State University

2/2020-Present Bellevue, WA

1/2019-2/2020 Bellevue, WA

6/2016-10/2018 Everett, WA

6/2009-12/2019 Marysville, WA