

JARED MATTHEW WULIGER

Senior Level Web & Mobile App Development Specialist

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SUMMARY

I started my career when I was sixteen years old as a Junior Developer at a web company in Cleveland, Ohio. From there I helped co-found Oxcyon Inc. likewise located in Cleveland, Ohio. After moving to the Triangle in North Carolina, I founded two innovative companies, SongBacker, Inc, and Request It, Inc. At present I am looking for a cutting-edge position that will allow me to use my 23+ years' experience to help and pilot companies of all sizes to achieving their goals quickly and at any stage of their project's maturation. I learn quickly, I love what I do, and I love learning new things, in-fact I thrive on it. I am only considering exciting remote/telecommuting positions now. Thank-you!

SAY HELLO

- <https://www.linkedin.com/in/jwuliger/>
- <https://stackoverflow.com/users/993514/jared>
- <https://github.com/jwuliger>
- <https://twitter.com/jwuliger>

CAPABILITIES

- Architecture, Engineering, Development, and Mentorship
- Web App Technologies
- Mobile App Technologies (Primarily Hybrid Frameworks & PWA's)
- Backend, Serverless, and API Expertise
- Cloud Infrastructures (PaaS & BaaS)
 - a. Firebase
 - b. GCP
 - c. Azure (Mid-Level Experience)
- Beginner in: Machine Learning & Artificial Intelligence
 - a. Azure ML Studio & Cognitive Services
 - b. Firebase ML Kit
 - c. TensorFlow.js
 - d. Python, Scala, and Microsoft R

SKILLS

1. **Open Source Frontend Frameworks**
 - a. I am easily able to make myself around almost any framework you can throw at me. However, the one I know and use the most is Angular (NGX). They all have their time and place.
2. **Mobile Hybrid App Frameworks**
 - a. Ionic/Cordova/Capacitor/Stencil
 - b. NativeScript
 - c. *Flutter/Dart* (I am just beginning)
3. **Typescript**

- a. Since I came from a C# background, TypeScript was very easy for me to pick up. I use it all the time and prefer using TypeScript over writing vanilla JavaScript.
- 4. **JavaScript** (However I much prefer to write in Typescript)
- 5. **UI/UX**
 - a. Adobe Creative Cloud CC
- 6. **Back-end PaaS & BaaS Systems**
 - Firebase Cloud & GCP
 - Microsoft Azure (Medium Experience)
 - AWS (very little experience)
 - .NET Core/C#, NodeJS
 - Transactional & NoSQL Databases

EXPERIENCE

Consultant to PwC - PricewaterhouseCoopers (Via Insight Global insightglobal.com)

Administrative Role | Mobile Software Developer & System Integrations

Sept 2018 – Aug 2019 | Worked from Home 90%

I had many roles and wore many hats on this project (both front & backend) not limited to:

- **Mobile Team:** (70% of project) Developer, Engineer, Support & Mentoring of Team Members
 - Ionic, Angular, Cordova, iOS (Swift), Android (Java)
- **DevOps Team:** (30% of project) Using Microsoft Azure DevOps (VSTS) I help with all the mobile builds and CI/CD Pipelines.
 - MongoDB, CosmosDB, Firebase Firestore, Redis, SQL Server, etc.
 - Machine Learning (Still Learning), NLP, Bot Services etc. All depending on the given task.

The project has just ended. I far exceeded what I was hired to do and completed major tasks and enhancements to their hybrid mobile app. Highlights would include building a proprietary CLI to enable the custom build workflows wrapped around the Ionic & Cordova frameworks. Before writing this tool, it would take 25 – 30 minutes to do a local build for each platform. The custom CLI I wrote, brought that time down to 2 – 4 minutes, saving myself and other developers on the team hours a day in lost productivity. I additionally instrumental in many other areas, helping to bring the app to Production & Go Live.

Tech Stack:

From Google to Microsoft to Salesforce, including NodeJS, Angular, Firebase, Ionic, Cordova, NGRX, RXJS, C#, Typescript, and JavaScript.

Viven Health Group

Senior Remote Consultant & Developer

Apr 2017 – Jul 2018 | Worked from Home

This was my first full-time remote consulting position. I loved every aspect of this role. Viven Health is a startup in St. Louis Missouri. Before I joined, they had several old Angular v1 and React applications that needed to be re-written, and then have new features and functionality added.

Tech Stack:

Angular, Firebase, and GSAP. GSAP was used for interactive learning widgets. This was handled by other developers that I managed here in the US, India, and Europe.

I wore many hats in this role:

- Daily calls for support and ideation with the project owner.
- Documentation, setting our coding standards.

- Reverse engineered many legacy apps into the latest cutting-edge versions Angular.
 - Took their old Firebase Data Structure and re-engineered everything to work with Firebase Cloud Firestore.
 - The scope of the project would change often due to investor input, so I made sure to design the core App Shell to be versatile and scalable. I setup a Mono Repo (Nrwl/Nx) for each project that had shared libraries I would write to keep everything as 'DRY' as possible.
 - Coded a real-time user tracking system to keep tabs on their progress through the apps games and lessons.
 - Worked with different REST backends and integrations.
 - Designed all assets for this client as well.
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Request It, Inc.

Founder, CEO & CTO

Aug 2015 – Mar 2018 | Durham, NC

A co-worker from CarMax introduced me to the gentleman that would become the Angel Investor for Request It, Inc. My roles and responsibilities were that of any new start-up CEO & CTO. Including:

- Architected & Designed each of our applications, using Angular and Firebase. The applications were:
 - Master (Uber) Admin Dashboard
 - Consumer facing website/PWA
 - A portable mini app (Widget) that you would place in any website. It was like the concept of a web component but allot more involved and was a full app you would imbed as opposed to dropping in a script to show social media links and likes.
 - Designed all UI/UX for each product and the Company Branding.
 - Learned how to use Firebase RTDB (Before they were Google). This was challenging because I had always used SQL Server and Entity Framework. I was used working with relational data. NoSQL took some getting used to and faced some interesting challenges when trying to 'JOIN' or even 'QUERY' certain data structures.
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Song Backer, Inc.

Founder, CEO & CTO

Dec 2012 – Aug 2015 | Durham, NC

My first startup - I Engineered a new and innovative music tech application from idea to full production. Created and managed a software team in India as they built the enterprise grade application while I lived there for six months. I learned invaluable lessons throughout this endeavor. The tech stack was .NET/MVC/EF and integrated deeply with AWS.

CafePress, Inc. (Via the Select Group Recruiting)

Full-stack Web Developer

Jun 2012 – Nov 2012 | Raleigh, NC

- Contract to hire position.
 - Used the SQL, EF .NET C# Stack I was responsible for adding new features and maintaining various e-commerce websites such as <http://www.canvasondemand.com/> and <http://www.greatbigcanvas.com/>. I joined right after CafePress, Inc. purchased Canvas on Demand and was with them when CafePress, Inc. went public.
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First Merit Bank (Via K-Force recruiting)

Full-stack Web Developer

Mar 2012 – Jun 2012 | Akron, OH

Short term contract position - Built and maintained new and proprietary applications for in-house bank applications and websites.

- Required a Special Security Clearance.
 - Built and managed intranets and employee management software.
 - Built simple Windows Applications and Services for various bank Servers.
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Oxcyon, Inc.

Co-Founder & Director of Development

Feb 2000 – Mar 2012 | Cleveland, OH

Built and maintained a home-grown Content Management System using Classic ASP. Was part of a team who built and maintained an ASP.NET version of the CMS called Centralpoint. Developed hundreds of modules/applications such as E-Commerce, Continuing Education, Blogs, Directories and Online Publications & Hospitals. Worked in all areas of web development including both the client and server-side.

- Used the entire Microsoft Stack in various versions over the years.
 - Designed and developed custom built applications to client specifications. With direct communication to the clients, I would work with them to specify a new app or custom feature for the Centralpoint that powered their site.
 - Had years of experience helping to sell the Centralpoint.
 - Managed trouble tickets from clients.
 - Designed and developed various E-Commerce applications and sites.
 - Designed and developed publishing applications for issues and articles.
 - Designed and developed online directories for clients such as Penton Media, and User-Friendly Phone Books.
 - Designed and developed online continuing education applications.
 - Developed a dynamic form generator and management tool.
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Kelltech, Inc.

Junior Web Developer

Mar 1998 – Dec 1999 | Independence, OH

- Began in a support role for the other developers.
- Very quickly moved into more advanced programming such as VBScript, JavaScript, SQL and other tools.
- Built out websites based on client designs.
- Built custom website for local area businesses.

EDUCATION

Self-Educated. *I was homeschooled with my siblings until high school. In tenth grade, around the age of sixteen, I was hired full-time at Kelltech, Inc., a local web development firm. I have over twenty-three years of on the job experience. I have started 2 tech companies resulting in many 'degrees' worth of experience in many areas throughout my career.*