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
    o   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.
    o   MongoDB, CosmosDB, Firebase Firestore, Redis, SQL Server, etc.
    o   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.

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 imbedded 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.

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.

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.

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.

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.*