JARED MATTHEW WULIGER

Senior Software Architect, Developer & Mentor

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SUMMARY

I started my career when I was sixteen years old as a Junior Developer at Kelltech, a company in Cleveland, Ohio. From there I helped co-found Oxcyon Inc. also located in Cleveland, Ohio. After moving to the Triangle, I founded two new companies, SongBacker, and Request It. I also worked at CarMax for a brief period as I was interested in gaining direct sales experience. Currently I am looking for a remote consulting and/or lead development position in the front-end, UI/UX, and/or mobile development spaces, including but not limited to, NoSQL/Node Backends such as Firebase and the GCP platform. I love learning new things, in-fact I thrive on it.

CORE ABILITIES

- Web Development
- Firebase/GCP
- Non-Native Mobile Development
- Web & Mobile Design
- Logo Design & Branding
- Project Management
- Product Management

EXPERIENCE

Viven Health Group
Senior Consultant & Developer
Apr 2017 – Jul 2018 | Remote Position

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.

The tech-stack was 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:
  o Master (Uber) Admin Dashboard
  o Consumer facing website/PWA
  o 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.

CarMax
Sales Associate
Nov 2014 – Aug 2015 | Raleigh, NC

- Refined skills in sales, developed experience in direct sales.
- Was in the top 3% of our 80+ sales associates. Achieved President's Club Level in 5.5 months (Above average time).

Song Backer, Inc.
Founder, CEO & CTO
Dec 2012 – Nov 2014 | 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.

SKILLS

Current

Front-end Frameworks

1. **Angular** (My most used front & back-framework)
   a. I started with Angular version 1, and now I am fluent in all versions but prefer working in the latest.
2. **Vue**

a. I remember when Vue.js first came out. I remember playing with it and thinking how neat it was. It wasn't ready for primetime yet though. I have checked up on Vue over the years, but I really started learning and playing with the framework just recently when the

3. **React**
4. **Mobile App Frameworks**
   a. Ionic/Cordova
   b. NativeScript
5. **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.
6. **JavaScript**
   a. When I use JavaScript to write something, it is usually ES2015, ES2016. Looking forward to ECMAScript 2018 and ECMAScript 2019. However, because I use TypeScript I can get many of these features before they are 'official' for example 'Asynchronous Iterations'
7. **UI/UX**
   a. Adobe Creative Cloud CC 2018
      i. Illustrator
      ii. Photoshop
      iii. After Effects
      iv. Premier
      v. XD

Back-end Frameworks

1. **Firebase Cloud & GCP** (My most used framework)
2. **Microsoft Azure**
3. **AWS** (least knowledgeable)
4. **Basic .NET Core 2.1 w/ C#**
5. **Node/NoSQL**

Not Current

- .NET Framework
- SQL Server & SQL

EDUCATION

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.

WHERE TO FIND ME

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

INTERESTS & SIDE PROJECTS

I am a life-long learner. I am currently teaching myself Python, TensorFlow, Kerala and all related ML/AI technologies. I also write many POC's with new or existing frameworks to keep my skills sharp.