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# SUMMARY

I am a digital intuitive with over 23 years’ experience in web and mobile software engineering. I have a proven ability to lead and develop projects from conception to launch, using a wide array of technical design patterns, best practices, and fundamentals that allow me to work with anyone throughout the entire project’s lifecycle.

I have gone through the adventure of founding two innovative companies, SongBacker, Inc, and Request It, Inc. I also had the pleasure of co-founding, and building the first version of the CMS Platform for SongBacker, Inc. Over the years I've built a remarkable and wide set of skills that allow me to think out of the box, quickly get the root of any problem. I am friendly, kind and excel at anything I put my mind to. I love learning new things. in fact, I thrive on it.

# OBJECTIVE

To find a full-time, part-time or contact remote/telecommuting position (I am open to co-location) where I look forward to the work that I do each day. I am open to a leadership role where I can code and mentor a team and a company to achieve their goals with the path of least resistance. I would like to have paid time off and very good health benefits. The work environment would be supportive, friendly, and treated equally. I am looking for a client/company that is more concerned with code quality, productivity and performance above anything else. I can offer my professional opinion(s) on the direction of the project and/or what tools and technology are used.

# 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.*

# Skills & abilities

**Architecture, Engineering, Development, Leadership, and Mentorship**

* Open Source Frontend Frameworks (Expert)
* Angular Echo System (Expert)
* Mobile Hybrid App Frameworks: Ionic (Expert), NativeScript (Advanced), Flutter (Intermediate)
* Typescript (Expert), JavaScript (Expert)
* Node (Expert), .NET Core, C# (Advanced/Expert)
* Firebase Cloud & GCP (Expert)
* Microsoft Azure (Intermediate)
* Transactional & NoSQL Databases (Expert)
* Writing and Consuming REST API’s (Expert)

# Experience

**Consultant to PricewaterhouseCoopers LLP (Staffed through Insight Global)  
Mobile Software Developer & System Integrations (Administrative Role)**Sept 2018 – Aug 2019 | Worked from Home

**I wore many hats and served many roles working an average of 50 – 70+ hours a week.**

* **Mobile Team**: (75% of project) Developer, Engineer, Support & Mentoring of Team Members using Ionic, Angular, Cordova, iOS (Swift), Android (Java), Node, etc.
* **DevOps Team**: (25% of project) Using Microsoft Azure DevOps (VSTS) I help with all the mobile builds and CI/CD Pipelines using Data Bricks, MongoDB, CosmosDB, Firebase Firestore, Redis, SQL Server, Machine Learning Studio (\* just beginning), NLP, Bot Services, SignalR etc.

I excelled in this position by completing many complex tasks that other team members could not. One highlight includes building a proprietary CLI that was used to build their app with custom workflows that was wrapped around the existing Ionic & Cordova framework’s build systems. I later was asked to enhance this proprietary tool to increase developer productivity and create a large cost savings.

Each time a developer had to make a change to the app - in order to see and test their change, you would have to wait 25 – 30 minutes for a local build to complete for each platform (they were not using any live-reload functionality). The tool I wrote brought that time down to 2 – 4 minutes per platform build, saving myself and other developers on the team hours a day in lost productivity and frustration. I was additionally instrumental in many other areas of the project, including advanced debugging and team support, to maintaining all the App’s NPM & Cordova Packages. I also always ensured that the CI/CD Pipelines continued to work each time new code was introduced into the codebase. This project ended after a successful product launch.

**Tech Stack:**Google Stack, Microsoft Stack, Node, 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:**Google Stack, Node, Angular, Firebase, NGRX, RXJS, Typescript, and JavaScript.  
  
**I wore many hats in this role working an average of 50 – 60 hours a week.:**

* 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 connection of mine 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:
* 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 embed 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 purchased by 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. (Staffed through the Select Group Recruiting)  
Full-stack Web Developer**Jun 2012 – Nov 2012 | Raleigh, NC

First job I got when I moved to North Carolina.

* Used the entire Microsoft Stack in various versions over the years.
* Used the SQL, Entity Framework .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 (Staffed through K-Force recruiting)  
Full-stack Web Developer**Mar 2012 – Jun 2012 | Akron, OH

Short term contract position – I 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 Centralpoint that powered their site.
* Designed and developed various E-Commerce applications and sites, publishing applications for issues and articles, online directories for clients such as Penton Media, and User-Friendly Phone Books, online continuing education applications, and dynamic form generation and management tools.

**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 (PSD to HTML).
* Built custom websites for local area businesses.