Marc Fouchi

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Objective

I am seeking a full-time remote position to continue my development/management career in the software industry with challenging and rewarding projects.

Current Project

2019 - Present   ShowTkt.com
Creator, Developer

- An enterprise web application for event producers to sell tickets for reserved seating.
- In my work with event production, I have used different event ticketing web applications, so I wanted to create my own with plans to beta test at my wife's production company. I also used it as a chance to learn modern technologies.
- Front end: **Angular 9 / NgRx / RxJS, PrimeNg**, Back end: **MySQL / GraphQL, Nexus.js, Prisma)**. This project is still in early development.

Experience

2010 - Present   QMSTools.com
Developer

- A quality management system used by the petrochemical industry to ensure compliance with ISO standards and audit preparation. This application is currently in production with Valero and Sealy as major clients.
- **LAMP** stack web application. Owner started project in 2008 with low-budget team in India, running on GoDaddy servers. Code was incomplete and almost unusable. I took over sole development and maintenance. Created **Scope of Work**. Refactored, majority of **PHP / MySQL** application. Added **jQuery/jqGrid, TCPDF** reports. Setup private **GitHub** repo and moved hosting over to **AWS EC2, SES** & **RDS** with rolling backup plan. Weekly communication with partners / customers to implement new features. Since 2015, only spend a few hours each month maintaining this project in my free time.

2011 - 2015   XactRate.com
Co-Founder, Project Manager

- An enterprise web application targeted at the HVAC industry to invoice/manage service calls, adjust pricing dynamically to remain profitable, and run heat load calculations. **iOS / Android** apps and desktop web application.
- Gathered all requirements from creator into a **Scope of Work** document, designed system and interface, acquired and managed overseas development team to create web application written in **ASP.Net MVC** running on Microsoft **Azure**. **PhoneGap** and **Sencha Touch** used for mobile interface. Designed so system could continue to be used in the field if internet connection was unavailable.
- Weekly communication with company owner and development team. Spent about 5 hours per week on this project during free time. Took a stake in the company in lieu of payment. Currently in production, but did not gain traction.

2007 - 2013   StageClick.com
Creator, Developer, Administrator

- A theatrical version of IMDb.com with social networking. Created original concept and developed from ground up using Visual Studio 2005, ASP.NET 2.0, C# / VB.NET, HTML/CSS, SQL Server 2005 (schema creation, indexing, T-SQL stored procedures/triggers, optimization/execution paths/SQL Profiler, geography data), Amazon S3.
- Website contains info & photos on over 30,000 productions & over 20,000 people from several major U.S. cities. Received over 10,000 page views per day. My profile: www.stageclick.com/person/1.aspx
- Received the **2008 Business Recognition Award** from the New Orleans Gambit Weekly Big Easy Awards

1996 - 2010   JRL Enterprises, Inc.

Founding Member, Sr. Project Manager, Sr. Software Engineer

2002 – 2010: Senior developer for flagship product: The I CAN Learn Educational System. Multi-million dollar government contracts for complete multimedia-rich e-learning classrooms in public schools across the country. Worked extensively with **VB6, ASP, Javascript, SQL Server 2000/2005 (schema creation, indexing, T-SQL stored procedures/triggers, optimization/execution paths/SQL Profiler), HTML/CSS, Ajax, C# / Asp.NET (web services), MS Sourcesafe**. Developed math courseware, teacher classroom management application, and internal support tools. Gathered requirements, designed/created database system, business logic, and user interface. Coordinated with teachers at remote sites (classrooms) for beta testing. System originally written as a private LAN web application, then ported/optimized to run over the internet in all major browsers. Monitored and maintained online production servers hosting over 100 schools with tens of thousands of users. Introduced development team to **Scrum** project management. Worked with developers across three states. When **Amazon S3 & EC2** first released, researched and implemented hosting and load balancing with a SSO server. Implemented **web services** to interface with storefront for home users.

1998 – 2002: Project Manager and lead developer of K-3 English Language Arts courseware. Managed teams in three different states to bring together animation/graphics, audio, video, content, and programming. Incorporated streaming multilingual content delivered via web browsers, as well as handwriting and voice recognition. Coordinated with teachers at remote sites (classrooms) for beta testing. Setup Microsoft networks and provided tech support for each classroom's hardware and software.

2010 - 2020   Encore Studio & Rivertown Theaters
Business Manager

- Worked part-time to help manage and grow my wife's two businesses: a performing arts school and a theatrical production company. COVID-19 brought both businesses to a standstill.
- Quadrupled enrollment at studio and doubled season ticket subscribers by implementing marketing and processes.
- Produced dozens of large-scale events, each with hundreds of performers, thousands of attendees, ticketing, logistics, contracts, budgets, technical setup, media creation
- Extensive use of **Photoshop, Sony Vegas, After Effects**, and **OBS** for Email / Facebook / Google marketing, content creation, live streaming, and multimedia needs for live productions (LED video walls, projections, green screen video, music / sound effect creation / editing), **QLab** for presenting event media, **Dreamweaver**, **Wix.com / Corvid**
- Implemented event ticketing systems. (BrownPaperTickets.com, Tix.com, Vendini.com)
- **Quickbooks** for bookkeeping, budgeting, tax filing, payroll
- Created automated system to create/send e-Sign contracts to dozens of performers and contractors per month using **GSuite** and **Adobe Sign**
- Created a non-profit organization to support the theater, hired and managed 20 additional teachers and employees, and added a music instruction program to Encore
- Performed in and worked on over 50 stage productions as actor, musician, technician
- Encore became self-sustaining, requiring very little of my input.

Education	**Tulane University B.S., Computer Engineering with Honors**

- Focus in Computer Science, Electrical Engineering, Computer Hardware

Attributes / Hobbies	

- Team leadership, great verbal and written communication skills
- Self-motivated, quick learner. Exceptional, professional work ethic
- Learning new computer tech, performing, piano, singing, crypto, pinball, space geek
  REFERENCES UPON REQUEST