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Summary

I am an adaptable and versatile Software Developer leaving a startup where for 3 years I was responsible for the uptime, maintenance, and improvement of business-critical web applications built in **Angular/JavaScript** and **C#**, with a **Transact-SQL** database hosted on **Windows SQL Server**. Bringing a range of disciplines to any project, I also have 5 years experience managing documentation and testing in software development teams, with excellent writing and editing skills. I am the founder and organizer of the Tucson Zine Fest, which in 2019 drew dozens of exhibitors and hundreds of participants, as well as the festival's web administrator.

Experience

**Platform
Development Lead**
at **Mural Consulting**
(Jan 2015-Mar 2020)
Tucson, AZ
Portland, OR

- Managed projects with developers to fully automate time-consuming SQL queries using C#, requiring close coordination with the reporting team.
- Customer-facing web application development, testing, and maintenance in a team of web developers, with flexibility and attention to rapidly evolving changes in reporting requirements and database schema to ensure accurate data population to web frontends.
- Comfort and familiarity with **Git** version control, production and sandbox instances, and web server management via **SSH** in an **Ubuntu/Linux** command line environment.
- Responsible for dev/ops deployment and uptime of critical business applications deployed via **Docker** and hosted on **Azure** App Service, **IIS** on Windows Server 2012, and **Apache/NGINX** web servers.
- Managed projects, sprints, and deadlines with a team of developers in **Jira** and **Trello**.
- Integrated custom **CSS** designs from our UI/UX team into application frontends.
- Graphic design and editing using **Adobe Photoshop**, **Google G Suite**, and **Microsoft Office 365**.

**Cloud Technology
Adviser** at **Mural
Consulting**
(March 2012-Dec 2014)
Tucson, AZ

- Customer consultations with excellent service, translating technical concepts into relatable terms.
- Deployment, customization and migration of customer websites in **WordPress**, **Drupal**, **Joomla**, and other solutions across various web server environments.
- Troubleshoot **Office 365** tenant administrative issues, including **DNS** and email migrations, user management and **domain** transfers.

Education

**B.S., Oregon State
University**
(Graduating May 2023)

- **Computer Science**, 4.0 GPA cumulative in self-directed online Bachelor's Degree program.
- Studies in Discrete Structures, including propositional logic and set theory.
- Attention to **Big O** notation for time complexity, algorithms and data structures.

**B.A. University of
Arizona** (Graduated
May 2011)

- **Creative Writing** major with 300-level Computer Science credits.
- Maintained website for University of Arizona Graduate Interdisciplinary Program.
- Designed website for the Arizona Creative Writing club in 2010.

Custom Projects

**French Republican
Calendar** (Dec 2019)

- **Python/Flask** web calendar application using **SQLite** database to store user information and calendar events, built for certification in the CS50x class hosted by HarvardX.
- Uses custom DateTime class and corresponding database table to model a modification of the French Republican calendar assuming an adjusted leap year rule.

@randomfootnote
(Nov 2018)
<https://git.io/JvF4L>

- Twitter bot written in **NodeJS** to programmatically tweet fictional academic publications.
- JavaScript port of the "Postmodernism Generator" script by Monash University.
- Uses Twitter **REST API** and set to run several times daily via Linux cron task.