Alex Moon

Fremantle, WA, AU 6160

Experienced technologist with a desire to create products people love to use. Available for remote, full-time work. – happy to travel.

PROJECTS

Gatsby — *Contributor*

Open Source

I was interested in adding some features to Gatsby's [Web App Manifest](#) plugin. I first presented my idea to the community for discussion. Having their support and input, I worked on my initial [Pull Request](#) and got those features added. Since then, I've been part of adding additional features (e.g. localization), resolving bugs, rewriting the docs, unit testing, and performance testing (see here). I even wrote a [blog post](#) helping outline the security issues in using a client side web application framework like Gatsby.

Data Widget — *Developer*

Kanepi Services

The project was due to be delivered to a client in 3 days. The CSS was not working on mobile Safari and not properly responsive across devices. I was brought on to the project to fix these issues in time for the delivery. The project's HTML was non-semantic and poorly structured, which meant poor accessibility and hard to read code. The CSS was scattered around incoherently and poorly written. My first step was to organize the HTML and CSS into their own files. Next, I tackled understanding and rewriting the HTML to be semantic and better structured. Finally, I was able to start rewriting the CSS to be responsive and address any cross browser bugs. The project was successfully delivered on time to a happy client.

ToolBox — *Developer*

Multnomah University

As systems administrators we could write automation scripts, but not everyone wanted to use those scripts. We needed the ability to create a simple interface for others to provide input data and run our scripts. I did some research and showed a PHP web application could take data from a HTML form and execute a script using that data as inputs. The project was approved and a developer was born. I was only a systems administrator, my experience included PowerShell, a scattering of HTML/CSS from high school, and a single C++ course.

In the end, I delivered a solution where the systems administrators could write scripts and upload them to the application. The app would parse the script and generate the HTML input form. Any user with permissions could fill in the needed inputs and run the script and see the results in their browser.

SKILLS

Git, GitHub, Gitlab

Linux, Windows, macOS servers and clients

Docker, Kubernetes

Azure, Digital Ocean, Rackspace, Firebase (Google Cloud)

Netlify, Pantheon, Travis CI

VMware ESXi and Citrix XenServer

LAN/WAN/VPN networks

LANGUAGES & FRAMEWORKS

Web Front end:
JavaScript, HTML, CSS, Gatsby, React, Svelte, Vue, Knockout

Back end:
NodeJS, SQL, GraphQL, Go

Misc:
PowerShell, Bash

MISCELLANEOUS

Eagle Scout, 2004

Thru-hiked the Pacific Crest Trail, 2650 Miles (4265 km), 2018

Open Source Software(OSS) — *Contributor*

May 2017 – On Going

Contributed to OSS JS code, Go code, docs, RFCs, and in many other ways. To see some more of my OSS contributions checkout my [GitHub profile](#).

Kanepi Services, Perth, AU — *Project Services Consultant*

May 2019 – October 2019

Implemented proprietary data visualization and workflow software for clients. Includes writing SQL queries, SSRS reporting, and developing small "widgets" using HTML, CSS, JS and data from APIs.

SingleMind Consulting, Portland — *Software Developer*

October 2018 – May 2019

Worked as a full-stack developer building VueJS and React(Gatsby) apps and their APIs. Built CI pipelines in Azure and Travis, and implemented Github and code review practices for better code quality.

Concrete UX, Portland — *IT & Facilities Manager*

April 2015 - April 2018

Drove long term planning and new projects to make sure technology and facilities continued to meet business needs. Managed all technologies on a day-to-day basis to keep the business working.

SingleMind Consulting, Portland — *System Administrator*

April 2015 - June 2016

Managed technology to keep the business running, made recommendations on upgrades and replacements, and implemented new systems as needed.

Multnomah University, Portland — *Asst. Sys. Administrator*

February 2010 - April 2015

Oversaw client systems deployment and management. Trained help-desk workers and wrote documentation for staff and students. Assisted with network, phone, and server administration as needed.

EDUCATION

Multnomah University, Portland — *BA*

August 2009 - May 2013

BA in Ancient Greek and Theology