

Alex Moon

Fremantle, WA, AU

Experienced technologist with a desire to create products people love to use. Available for remote, fulltime 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 accesibility and hard to read code. The CSS was scattered arround 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 aproved and a developer was born. I was only a systems administrator, my experince included PowerShell, a scattering of HTML/CSS from high school, and a single C++ course.

In the end, I delivered a soulution 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. The script would run as that user and return any output back to their web 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 Frontend:

Javascript, HTML, CSS,
Gatsby, React, Svelte, Vue,
Knockout

Backend:

NodeJS, SQL, GraphQL, Go,
C#, PHP, C++

Misc:

PowerShell, Bash

MISCELLANEOUS

Eagle Scout, 2004

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

ROLES

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 – Present

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 helpdesk 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