

Alex Moon

www.moonmeister.net

Experienced web developer and problem solver.

POSITIONS

Open Source Software(OSS) — Contributor

May 2017 – On Going

Contributed JS code, Go code, docs, RFCs, and issue triage. To see my OSS contributions checkout my [GitHub profile](#).

Freelance Consultant, Perth, WA, AU

October 2019 – On Going

Helping clients to achieve their business goals and deliver high quality technology solutions to meets their needs.

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

May 2019 – October 2019

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

SingleMind Consulting, Portland, OR — Software Developer

October 2018 – May 2019

Developed full-stack web apps using VueJS and React(Gatsby) on the front-end and nodeJS on the back-end APIs. Built CI pipelines in Azure and Travis, and implemented Github and code review practices for better code quality.

Concrete UX, Portland, OR — 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 these on a day-to-day basis to keep the business running smoothly.

SingleMind Consulting, Portland, OR — System Administrator

April 2015 - June 2016

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

Multnomah University, Portland, OR — 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.

SKILLS

Git, GitHub, Gitlab

Linux, Windows, macOS

Docker, Kubernetes

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

Netlify, Pantheon, Travis CI

VMware ESXi and Citrix XenServer

LAN/WAN/VPN networks

Relational, document, and graph databases

LANGUAGES & FRAMEWORKS

Web Front-end:

JavaScript, TypeScript, HTML, CSS, Gatsby, React, Svelte, Vue, Knockout

Back-end:

NodeJS, SQL, GraphQL, Go

Misc:

PowerShell, Bash

PROJECTS

Gatsby — Contributor

Open Source

I was interested in adding some features to Gatsby's [Web App Manifest](#) plugin. I worked with the community to validate and define the work leading to my initial [Pull Request](#). Since then, I have been part of adding additional features (e.g. localization), resolving bugs, rewriting the docs, unit testing, and performance testing. 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. I was brought on to the project to fix cross-browser compatibility issues and the lack of responsive design, all in time for an on-time delivery. Project lacked use of best practices, or other basic code organization. I started by organizing code and improving the basic HTML and code organization. This gave the project a firm foundation to build on and I was able to rewriting the CSS to be responsive and address the 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. Research showed a PHP web application could take data from a HTML form and execute a script using that data as inputs. In the end, systems administrators could write scripts and users across the campus could retrieve data, trigger jobs, and more. This was a huge success for IT as it enabled us to better serve the university with quick and easy solutions to a wide variety of problems.

EDUCATION

Multnomah University, Portland — BA

August 2009 - May 2013

BA in Ancient Greek and Theology

MISCELLANEOUS

Eagle Scout, 2004

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