

Abraham White

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Education

Utah State University

BS Computer Science, Mathematics Minor

Logan, UT

Aug 2015–Dec 2020

Experience

Self-Employed Web Developer

My Financial Foundations, LLC

Logan, UT

Apr 2019–Present

Contracted to create and maintain a website for My Financial Foundations, LLC that provides financial and insurance calculators as a service, translated from Excel spreadsheets. Technology used includes:

- Static site generation with React and GatsbyJS
- Attractive user interface using Material-UI
- Content Management System (CMS) with NetlifyCMS
- Payment processing with Stripe
- Hosting with AWS technologies, such as Amplify, Cognito, Lambda, and DynamoDB

Shingo Institute

Senior Developer

Logan, UT

Dec 2017–Apr 2019

Developed and maintained an international event coordination portal used by over 27 affiliate companies, and:

- Supported back-end API systems written in Node.js, virtual servers in the cloud, and public web pages
- Wrote scripts to create development environments, reducing setup time from over an hour to a few minutes
- Containerized 6+ microservices and web applications using Docker
- Wrote automated unit and integration tests to enable continuous deployment of applications
- Created a SSL enabled reverse proxy system using NginX
- Mentored a junior developer through code reviews, stand-up meetings, and training
- Refactored a GRPC and microservices based backend to a monolithic architecture

Sunrider International

Web Developer Intern

Torrance, CA

Jun 2017–Aug 2017

Helped write and internationalize an ecommerce website for use in 17 countries, and:

- Collaborated using Agile/SCRUM in a large (10+ developers and designers) team environment
- Learned and applied Angular4, Redux, and RxJS in building a responsive website
- Added features to a Flask API server using Python 2.7 and PostgreSQL
- Created extensive integration test suite for 10+ web pages

USU Research Foundation

Computer Systems Support Assistant

Logan, UT

Aug 2015–Apr 2017

Provided support for over 600 desktop and laptop systems, servers, and other scientific equipment by:

- Troubleshooting hardware and software issues, performing hardware upgrades and replacements when needed
- Writing Powershell scripts to automate Windows updates, log file parsing, and Bitlocker encryption
- Automating Linux and Windows deployment using Ansible and SCCM, in most cases reducing a 3+ hour installation process to 1 hour

Achievements

BSA Eagle Scout: Awarded April 15, 2014

Computer skills

Programming Languages: TypeScript, JavaScript, C++, Python, Haskell

Databases: MySQL, PostgreSQL, AWS DynamoDB

Web Technologies: React, React Native, Angular, AWS, Git

Scripting: POSIX Shell, Bash, Powershell