



Tanner Satchwell

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EDUCATION

Master of Science

Technology, IT Emphasis

Brigham Young University

June 2018

Bachelor of Science

Information Technology

Management, Minor

Brigham Young University

April 2016

SKILLS

- Front End
 - JavaScript/Typescript
 - React/React Native/Expo
 - Node.js
 - Functional Programming
 - Material Design
- Back End
 - JavaScript/TypeScript
 - Express
 - GCP
 - MySQL
 - Redis
 - Elasticsearch
- Other Skills
 - Atlassian (Bitbucket, JIRA)
 - Slack
 - Adobe Illustrator
- Soft Skills
 - Easy to get along with
 - Clear communication with non-technical types
 - Work well in a team

AWARDS

- BYU MS Fritz-Burns IT Graduate Student of the Year
- Exxon-McVea Engineering and Technology Scholarship Recipient

SUMMARY

With over 7 years in the tech industry, my journey at FileShadow, Inc. has solidified my mission to deliver cutting-edge software solutions. My expertise lies in full stack development with a strong emphasis on front end technologies and DevOps practices. In my most recent role, I led several front end redesigns, transitioning from static HTML to React, and later to React Native, enhancing user experience across web, mobile, and even TV platforms. My comprehensive understanding of our technology stack (primarily in JavaScript/TypeScript) has been instrumental managing custom state, increasing efficiency, and reducing costs.

WORK EXPERIENCE

Senior Full Stack Engineer

FileShadow, Inc.

March 2022 - January 2025

- Managed front end services for web, iOS, Android, tvOS, and Android TV platforms (React Native).
- Led redesigns from static html to React, then to React Native for optimal performance.
- Designed custom state management using React context and hooks.
- Spearheaded development, debugging, optimization, and automation for product implementation.

DevOps Engineer

FileShadow, Inc.

March 2018 - March 2022

- Automated manual tasks using JavaScript and Shell, enhancing team productivity.
- Implemented containerization with GCP Instance Groups for improved application scalability.
- Reduced cloud compute costs by 16% through identifying and eliminating excess storage.

Web Developer

BYU Mechanical Engineering

April 2013 - September 2016

- Maintained, updated, repaired, and tested BYU Mechanical Engineering websites and 30 sub sites.
- Edited existing Drupal modules and created new ones to enhance website functionality.
- Developed a computer support ticket system using PHP, HTML5, CSS3, and Drupal.
- Successfully migrated all websites from Drupal 6 to Drupal 7.

Web Development Intern

LDSTech

April 2015 - August 2015

- Maintained, updated, repaired, and tested three PHP based web applications (Joomla, PHPBB, and MediaWiki).
- Altered existing themes using CSS3 to ensure mobile responsiveness across all three applications.
- Actively participated in weekly team meetings and discussions on upcoming LDSTech events.

REFERENCES (*available upon request*)