Josh Manning

github.com/jbmanning
jman.me

josh@jman.me
(785) 410-1283

Experience

AutoAlert – Software Developer   *Kansas City, MO*   **March 2020 – Present**

- Work as part of an agile team across various projects, primarily front-end development utilizing Vue and Vuex.

CivicPlus – Front-End Developer / Software Engineer   *Manhattan, KS*   **April 2019 – March 2020**

- Delivered responsive, accessible web sites. Worked with designers and art directors to ensure requests could be met/exceeded.
- Automated **hundreds** of hours of work for myself and others, eliminating the need for my initial role and allowing me to transition into a full-time engineering role dedicated to automation, UX, and serving as an engineering SME for my department.
- Discovered and began to repair security vulnerabilities by integrating with CivicPlus SSO using OpenID Connect.
- Repeated recognition and awards for excellence in innovation and positive change.

KSU K.D.D. Lab – Research Programmer   *Manhattan, KS*   **March 2015 – August 2016**

- Work full stack on visualizations using JavaScript and D3.js, API using Python and Django.
- Interfaced with clients and graduate students to gather requirements for new features and research.
- Enhanced developer productivity by gradually converting a complex system into a modular, easy-to-use codebase.

Education

Kansas State University   *Manhattan, KS*   **June 2014 – May 2018**

- Bachelor of Science in Computer Science, *unfinished*

Projects

Sudoku Solver   **May 2020 – Present**

- Designed and implemented a solver for sudoku puzzles. Employs an array of well-known techniques to efficiently solve puzzles.
- Each technique was analyzed and implemented by hand to get better at studying and implementing various algorithms.

@jman.me/create-react-app   **May 2020**

- Built an opinionated project setup tool to automate the setup of React projects, layered on top of create-react-app.
- Introduces TypeScript, MobX, Prettier, a folder structure, and more.

Site Builder   *CivicPlus*   **August 2019 – December 2019**

- User friendly, WYSIWYG site builder to provide drastically lower implementation costs and enable users to build fully customizable components in-browser.
- Proof of concept with drag and drop containers, in-browser editable SCSS styles, and templated reusable components.

Git-Key   **Dec 2016, Apr 2017, Dec 2018**

- Built a comprehensive script to find, generate, and upload SSH keys to your personal user account in GitHub.
- Multiple iterations. Using Bash, Python, personal access tokens, one-time passwords, and OAuth.

More projects and information available at jman.me/projects

Skills

Ordered by level of experience

Languages

JavaScript (ES2020), TypeScript, CSS, Python, Golang, C#

Technologies

React, Node.js, MobX, SCSS, Vue, Vuex, Express, Flask, Django, Gorilla/Mux, .NET Core

Databases

MongoDB, PostgreSQL, DynamoDB

Tools

Git, Bash, GitHub API, Dropbox API, Ansible

Environments

Linux, Ubuntu Server, AWS, EC2, Lambda, API Gateway, Docker, Azure

Involvement

- Asst. Coach of high school Ultimate Frisbee team **(2015-2017)**
- Coach of college Ultimate Frisbee team **(2017)**