

SANDRA MARR

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LinkedIn: <https://www.linkedin.com/in/sandra-r-marr> | GitHub: <https://github.com/sandra-marr/>
Portfolio: <https://sandra-marr.github.io/020-React-Portfolio/>

Full Stack Web Developer with background in project management. Effective at problem solving, communication, and collaboration. Passionate for producing design solutions and removing roadblocks to deliver on complex projects

SKILL SUMMARY

Languages: HTML5, CSS3, JavaScript ES6+, SQL, NoSQL

Applications: GitHub, MongoDB, MySQL, Heroku, Insomnia

Tools: Node, Express, React, Handlebars, Bootstrap, UIKit

Other Skills: Product Lifecycle Management, Scheduling Software – Primavera & OPP, Microsoft Office Suite, Earned Value Management (EVM), Project Management

**Active Security Clearance – Secret (Active as of October 2021)*

PROJECTS

Good Enuff | GitHub: <https://tinyurl.com/n89rzd4w> | Deployed: <https://tinyurl.com/2pea6cjd>

- Taking the simple concept of creating a to-do list and turning it into a tool for tracking broader goals using React
- Responsible for front-end design and the user interface. Supported back-end development and data structure
- This application uses React, JavaScript, CSS, HTML, Node.js, Apollo-Server-Express, Mongoose, bcrypt, GraphQL, React-Vis, JSONwebtoken, React-Datepicker, React-Bootstrap, Heroku, MongoDB, MongoDB Atlas, Node.js

The Tech Blog | GitHub: <https://tinyurl.com/5fjzuvcy> | Deployed: <https://tinyurl.com/dn4depvc>

- A Model View Controller (MVC) Application. Blog site for people to share thoughts and comment on posts
- Responsible for front and back-end development, design, and user interface
- This application uses HTML, CSS, Node.js, JavaScript, Heroku, MySQL, Express.js, Sequelize, Insomnia, Handlebars, bcrypt, Dotenv

Kid's Corner | GitHub: <https://tinyurl.com/u9zye4ax> | Deployed: <https://tinyurl.com/ycemiyuc>

- A front-end application that is geared toward learning for kids. This application allows users to select a state, read about facts, see pictures related to that state, and add it to their passport to track learning
- Supported front-end javascript and API calls. Acted as scrum master and project lead for a team of four
- This application uses CSS, HTML, UIKit, Wikipedia API, jQuery, Moment.js, Pixabay API, and OpenWeather API

EXPERIENCE

The Boeing Company | 777x Test, Evaluation and Design Engineer – Everett, WA

2018 – 2021

Designed, reviewed, procured many structural steel and counterbalance fixtures. Led cross functional teams including union mechanics in fabrication and installation efforts in support of the test setup. Troubleshoot design issues. Organized the workflow and schedule for a team of 15. Managed a team of 15 during test conduct activities for a full scale airplane test. Test Conductor for a multi-million-dollar full scale test program while maintaining configuration, site safety and improved cycle speed.

The Boeing Company | Flight Test Integrated Planning and Scheduling Specialist – Seattle, WA

2015 – 2018

Developed detailed integrated schedules for various military aircraft test programs. Created a data model to use for weekly reporting. Created weekly reporting tools, allowing engineering managers to accurately depict status and predict cost overages. Worked with various teams to build proposals for new military programs. Coordinated and integrated with teams across the US and internationally. Conducted schedule analysis including critical paths, variances, estimated at completions.

Bechtel | Project Controls Engineer – Richland, WA

2014 – 2015

Conducted critical path analysis and ran monthly schedule metrics for project health reviews. Balanced resource loads in schedule. Performed monthly quality checks on imported cost data.

EDUCATION

Bootcamp Certificate in Full Stack Web Development: University of Washington, Seattle, WA, September 2021

B.S. Civil Engineering: University of Illinois UC, focus in Geotech and Construction Management, 2014

EIT Washington State: Engineer in Training Certificate, 2016