

James Wheatley

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Front-end Engineer with 5 years of React and UX/UI design experience. Demonstrated success in both modernizing existing solutions and leading new projects as the primary front-end developer. Leveraging my front-end expertise and recent full-stack learning, I am eager to continue delivering user experiences that exceed expectations.

SKILLS

Front-end	JavaScript ReactJS Redux AngularJS MaterialUI SCSS Jest InteractJS
Back-end, Other	Node.js Express MongoDB REST APIs Sockets Git Docker Openshift JIRA
UX/UI	InVision Studio (Prototyping tool) Adobe Illustrator Adobe Photoshop
Clearance	Active Top Secret/SCI with Polygraph (DIA)

EXPERIENCE

Front-end Engineer Raytheon BBN Technologies *Rosslyn, VA* **Apr 2020 – Oct 2023**

Defense Intelligence Agency (DIA) | Oct 2022 - Oct 2023

- Led the development and design of an API dashboard and analysis tool from start to production
- Developed a full-stack, drag and drop interface that provides users with an intuitive way to search, organize, and analyze important data from multiple API endpoints using **React, Node, Express, MongoDB, Socket.IO, MaterialUI, InteractJS**, and deployed using **Docker** and **Openshift**

Defense Advanced Research Projects Agency (DARPA) | Apr 2020 - Sep 2022

- Implemented a full-stack application that integrates dozens of back-end calls into one seamless drag and drop application that sharpens user decision making, increases productivity, and eliminates input error using **React, Node, Express, MongoDB, Meteor, Redux, MaterialUI, InteractJS**
- Delivered UI mockups and front-end features with a quick turnaround time due to rapidly changing client needs and priorities

Department of Homeland Security (DHS) | Oct 2021 - Mar 2022

- Contributed to a dashboard analysis tool that organized data collected from physical devices
- Developed features to organize important field data including tables, graphs, maps, and an admin dashboard using **Angular, Typescript, Node, Express, MongoDB**, and deployed with **Docker**
- Selected to support our client site visit to DHS to implement our physical systems, further client relations/trust, and evaluate our application effectiveness and UX/UI needs

Front-end Engineer, UX/UI Lead Pyramid Systems *Fairfax, VA* **Dec 2018 – Apr 2020**

- Led the UX/UI design for the modernization of an existing digital form system for our client (DHS)
- Implemented features to easily view, add, and edit different types of digital form data using **React, Redux, Jest, SCSS**, and ensuring **508 compliance** to individuals with disabilities
- Resolved ongoing client needs by designing and presenting prototypes to stakeholders biweekly
- Earned the *Key for Performance Award* and selected to interview applicants for culture match

EDUCATION

Bachelor of Science, Computer Science Brigham Young University *Provo, UT* **April 2018**

- Minor, Business Management
- Member of the BYU Lacrosse team