


James Wheatley

 Sandy, UT

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Results-driven Front-end Engineer with 5 years of experience in React and UX/UI design. Proven track record of leading digital transformations, delivering modern interfaces, and driving user satisfaction. Currently expanding full-stack expertise to solve complex challenges and exceed client expectations.

SKILLS

Front-end	React, Redux, Material UI, SCSS, Angular, JavaScript
Back-end, Other	Node.js, Express, MongoDB, REST APIs, Docker, Openshift, Git, JIRA
UX/UI	Figma, InVision Studio, Adobe Illustrator/Photoshop
Clearance	Active Top Secret/SCI with Polygraph (DIA)

EXPERIENCE

Raytheon BBN Technologies | Front-end Engineer

Rosslyn, VA **Apr 2020 – Oct 2023**

Defense Intelligence Agency (DIA)

- Led the end-to-end development of an API dashboard and analysis tool, taking it from concept to production
- Engineered a full-stack, drag-and-drop interface that accelerated data retrieval by 30% across 20+ APIs, improving user workflow efficiency using **React, Node, Express, MongoDB, MaterialUI, InteractJS**, and deployed using **Docker** and **Openshift**

Defense Advanced Research Projects Agency (DARPA)

- Streamlined dozens of back-end calls into a single drag-and-drop interface, eliminating input errors and increasing productivity using **React, Node, Express, MongoDB, Meteor, Redux, MaterialUI, InteractJS**
- Delivered UI mockups and front-end features under tight deadlines, adapting to shifting client needs and priorities

Department of Homeland Security (DHS)

- 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

Pyramid Systems | Front-end Engineer, UX/UI Lead

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
- Awarded the Key for Performance for exceeding client expectations on DHS modernization projects

EDUCATION

Brigham Young University | Bachelor of Science, Computer Science

Provo, UT **April 2018**

Minor, Business Management | Member, BYU Lacrosse Team