

SHANE HINGTGEN

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Summary

Certified in CompTIA Security+, with expertise in developing interactive web applications using React and TypeScript to create robust, scalable, and maintainable solutions. Skilled in translating Figma designs into functional user interfaces, implementing custom theming, field validators, and intuitive form layouts to enhance user experience. Proficient in debugging and resolving issues within Azure DevOps and writing comprehensive test cases with Vitest to ensure software reliability.

Experience

Software Developer Ulteig | Hiawatha, IA 08/2023 – Present

- Developed interactive web applications using React framework implementing reusable components to enhance code efficiency and maintainability.
- Utilized TypeScript to ensure robust and scalable codebases enhancing development workflow and minimizing errors.
- Created UI mockups in Figma, delivering 6+ designs translated into functional user interfaces with a focus on usability and adherence to client specifications.
- Built and implemented features, such as custom API error handling through banners for intuitive user feedback.
- Implemented custom field validators to ensure data integrity and improve user experience.
- Designed and developed forms with a user-centric approach, leveraging React to create intuitive and responsive form layouts for enhanced user interaction and data collection.
- Wrote custom theming using CSS and Material UI's theming capabilities, ensuring consistency and brand alignment across web applications.
- Proficient in debugging issues both in code and within Azure DevOps, utilizing troubleshooting skills to identify and resolve issues efficiently.
- Developed and executed at least 2–3 test cases per component using Vitest, ensuring comprehensive software quality and reliability.
- Presented 10+ finalized features to stakeholders, effectively communicating project progress and gathering feedback for continuous improvement.

Distribution Field Designer Ulteig | Hiawatha, IA 09/2018 – Present

- Utilized CAD & ArcGIS to produce compliant designs that meet client specifications and regulatory standards.
- Performed calculations to size transformers, anchors, and poles in accordance with client, local, and national code requirements.
- Conducted meticulous field data collection using Trimble survey equipment, accurately capturing over 1,000 data points to support precise geospatial analysis and project planning.

Wind Turbine Technician II NextEra Energy | Bloomington, IL 10/2015 – 09/2018

- Employed diagnostic tools and performance profiling to accurately identify and troubleshoot turbine malfunctions.
- Installed circuit breakers, power converters, control modules, and communication devices, while also performing maintenance on slip rings, large circuit breakers, gearboxes, and generators.
- Primary inventory manager for wind site value totaling approximately \$2 Million.

Education

Bellevue University | B.S. Web Development

Kirkwood Community College | A.A.S. Energy Production & Distribution Technologies

Certifications

CompTIA Security+ (SY0-701) | Credential ID: GDESXVXSZEVQQ29T

OSHA 30 General Industry and Health

Skills

Programming Languages & Frameworks: JavaScript, TypeScript, Angular, React, Node.js

Databases: MongoDB

UI/UX Design: HTML, CSS, Bootstrap, Material UI

Development Tools: Azure DevOps, Swagger, Soap UI