

ABOUT SKYSPECS

SkySpecs helps owners of energy infrastructure make better decisions about maintenance and repair. We do this with a combination of autonomous drones to collect consistent, high quality data, and analytics tools that use this data to make better predictions about when maintenance needs to be done, how much it should cost, and how much more energy can be generated when a repair is done. SkySpecs, based in Ann Arbor, Michigan, is a venture-backed company with operations across the continental United States and internationally.

WHAT WE'RE LOOKING FOR

SkySpecs is seeking a Web Application Developer that will work with the cloud services team on Horizon, an application where industrial energy asset owners can view inspection reports and manage maintenance processes (e.g. repair, follow-up inspections, vendor discovery and selection, and so on). As a SkySpecs Web Application Developer, you will have the opportunity to create unique new experiences to manage outdated industrial processes. You will have the opportunity to dive in and work on projects throughout the stack ranging from our front-end React application through to our AWS back-end.

REQUIREMENTS

- 3+ years in a software engineering role working on web-based applications.
- Deep knowledge and professional experience using HTML, CSS3, Javascript
- Experience developing responsive layouts
- Experience with CSS preprocessors (e.g. PostCSS, Sass, Stylus)
- Experience developing React or similar component-based applications
- Working knowledge of AWS ecosystem (emphasis on DynamoDB, S3, Lambda, and IAM)
- Experience using and creating continuous deployment and continuous integration tooling

NICE TO HAVE

- Experience with serverless application development
- Experience writing ES6/7 compatible Javascript
- Startup experience

THE WORK

As a SkySpecs' Web Application Developer, your role is to develop Horizon, the web platform at the center of SkySpecs' wind turbine management ecosystem. Horizon is helping wind turbine owners save time and money on maintenance and repair processes, ultimately leading to a more sustainable and renewable grid. Some of your responsibilities will include:

- Developing components using front-end frameworks
- Designing new layouts to render data and insights in an intuitive manner
- Interacting with back-end databases and filestores using APIs
- Working with graphics designers on layouts, styling, and user experience
- Working with the machine learning & analytics teams to present learned insights to users
- Working with the product management team to understand and implement features based on customer needs
- Developing internal dashboards and control panels for tracking job performance, operations statistics, and other company KPIs for internal use
- Periodically assisting robotics team in developing web-based control interfaces for autonomous drone

YOU ARE ...

- A motivated self-starter, able to prioritize, multitask, and operate in the fast-paced environment of a growth-stage company
- Comfortable creating processes and procedures where none may yet exist
- Extremely focused on customer needs
- A strong verbal and written communicator

PERKS YOU'LL RECEIVE

- A flexible work schedule and work environment
- The respect of your teammates regardless of department or skillset
- The option of working from home when it suits you and your team
- A fun, energetic, often zany workplace that is open and accepting of all interests
- A great downtown Ann Arbor office with access to coffee, shopping, bars, restaurants, etc.
- An open vacation policy (our policy is: Get your work done; be reliable; go above and beyond because you want to and take rest and relaxation when you need it!).
- Health benefits

HOW TO APPLY

Please send your resume and cover letter to: jobs@skyspecs.com.