

Andy Hinh

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Work Experience

Boeing | ForeFlight

Dec 2019 - Present

Full Stack Developer

- Refactor multiple major components that handles flight planning
- End-to-end implementation on flight route constraints that finds flight paths that complies with various restrictions in React and Java

Credera

July 2018 - Dec 2019

Software Developer | Consultant

Personalization | www.nrg.com | NRG Energy Inc.

- Leading the front-end development efforts in React.js
- Integration with Adobe Suite: AEM, Analytics, Target, and AAM for personalizing the content based on the user's interactions
- Understanding MarTech and utilizing multiple personas to drive the user's engagement for more leads
- Content and SEO optimization utilizing React Helmet and Java CMS for dynamic JCR page-based tagging and metadata tagging

Internal Mobile Development | Credera Fireside App

- Internal mobile app in React Native for company's monthly meeting to increase attendances
- Integration with Estimote (iBeacons) for proximity functionality

B2B Portal | NRG Energy Inc.

- Improve a critical download process that took over 30+ seconds to only 1-3 seconds in Angular and Java Spring
- Strong understanding of the utilities industry to create various Highcharts.js charts to aggregate data to be consumer-friendly
- Rearchitected the Angular API layer to reduce network waste
- Develop multiple endpoints in Java Spring hitting various services in the business's infrastructure

Private Contractor

May 2018 - July 2018

- Design a media platform for users to share, comment, and vote on React Native and Node.js

Microsoft

Aug 2016 - May 2018

PROS

June 2016 - Aug 2016 | June 2017 - Aug 2017



Personal Projects

AR/VR Project

Present

PROSChallenge@CodeRED

Nov 2017

CodeREDMobile

June 2016 - Oct 2016



Skills

JavaScript, React.js, React Native, Redux, Git, GraphQL, Java Spring, CSS-in-JS, MongoDB, CI/CD, Docker, HTML5, CSS3, Angular.js, Node.js, SQL, Agile, Postgres



Leadership

Bootcamp Instructor

Credera

- Teaching new hires React.js, Redux, Context API, and Hooks

Lead Director

CodeRED, CougarCS

Sept 2015 - May 2017



Honors & Awards

- Employee of the Month - Credera
- Winner of PROS Challenge @CodeRED
- #1 Events in Google Play - CodeRED Mobile
- Top 8 Teams - SHPE National
- Best Use of Microsoft Technologies



Education

B.S. in Computer Science

University of Houston

Mathematics Minor

MIS Minor



Interest

- Audiophile
- Foodie
- Investment
- Rock Climbing