

# Andrew Bowler

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GitHub: [ajbowler](#)  
<https://ajbowler.github.io/website>

## **JOHN DEERE FINANCIAL, Des Moines, IA**

*Software Engineer | Apr 2020 - Present*

- Developed financing software in React, powered by Spring Boot Java microservices and AWS

## **CLIENT RESOURCES INC., Omaha, NE**

*Software Engineer Consultant | Feb 2020 - Apr 2020*

- Short term contract for in-house solutions team. Developed a news site in React and AWS Amplify

## **HAYNEEDLE, Omaha, NE**

*Senior Software Engineer | Jan 2018 - Jan 2020*

- Re-platformed a legacy ColdFusion e-commerce site into modern React and Node applications, powered by RESTful Java Spring microservices and a GraphQL integration
- Subject matter expert on frontend platform, primarily the cart, checkout, and returns systems. Notable projects include: California Consumer Privacy act compliance, checkout redesign, Apple Pay integration, security compliance
- Set up a unit test platform in Jest and mentored experienced engineers who had never written unit tests before. Eliminated hundreds of man-hours spent on manual regression

## **CERNER, Kansas City, MO**

*Associate Senior Software Engineer | Jun 2016 - Dec 2017*

- Developed patient charting applications in Rails, JavaScript, and Java for various nursing workflows including vitals, patient demographics, and medication administration
- Served as a mentor through Cerner's software engineer training program by teaching new associates best practices and how to be a successful engineer at the company

## **PRINCIPAL FINANCIAL GROUP, Des Moines, IA**

*Application Developer Intern | May 2014 - Aug 2015*

- Two summer internships that included working on Java enterprise web apps as well as some frontend development with vanilla JavaScript

## **SKILLS**

- **Experienced:** JavaScript (React, Redux, Node, TypeScript), Java (Spring Boot, JPA, GraphQL), Ruby (including Rails), unit and integration testing (Jest, Mocha, Mockito, Capybara), HTML/CSS
- **Hobbyist/Familiar:** Python, C#, C/C++, DevOps (Jenkins, AWS)
- **Soft skills/process-related:** Usual Atlassian tools (JIRA, Confluence, etc.), code review evangelist, mentoring experience, A/B testing, TDD/BDD, can conduct technical interviews
- See GitHub profile for open source projects

## **EDUCATION**

### **IOWA STATE UNIVERSITY, Ames, IA**

*B.S. Software Engineering*

### **UNIVERSITY OF BIRMINGHAM, Birmingham, United Kingdom**

*International Exchange Program, one semester*