Matthew R. Alcorn

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See some of my work at MattAlcorn.com, AspireBudget.com, and on LinkedIn

OVERVIEW

Frontend software engineer and UX designer with 11+ years experience developing and designing mobile apps, performant frontends, and great user experiences. Matt has led multiple teams and projects from concept to delivery and enjoys teamwork, solving problems, and mentoring junior team members.

EXPERIENCE

Stewardship Associate | The Summit Church   **January 2022 - Present**

- Organized and planned initiatives within the Stewardship ministry across the entire church
- Worked with our Digital Strategy Team to create new systems and refine existing processes for engaging and caring for members

Senior Software Engineer | LifeOmic   **March 2021 - October 2021**

- Developed an embedded UI experience for Epic MyChart and Cerner PowerChart using React, CSS-in-JS, and other web technologies
- Designed zero-state layouts and navigation components of the embedded experience
- Debugged and resolved incompatibilities with the embedded frameworks which utilized Internet Explorer 11
- Designed and implemented multiple user interface improvements ranging from zero-state layouts to improved user controls and options to maximize screen real estate in the embedded experience

Technical Lead / Advisory Software Engineer | IBM   **2019 - March 2021**
Red Hat Marketplace

- Developed features, components, and new functions using React, Next.js, CSS-in-JS, GraphQL and other technologies
- Involved in the entire process of the development lifecycle; delivered four early milestones to collect feedback and iterate; the experience launched publicly in the summer of 2020
- Performed thorough, timely, and friendly code reviews on teammates' code and was responsible for merging code into production
- Worked closely with our design teams to review UX/UI designs and create a wonderful marketplace user experience on the marketplace landing page, search, and the product details pages
- One of three engineers responsible for overseeing/creating our Red Hat Marketplace UI component library
- Achieved 100% unit test coverage and end-to-end testing using Jest and CodeceptJS

Team Lead / Advisory Software Engineer / UX Designer | Lenovo   **2014 - 2018**

ThinkAgile Installer
- Led a team of engineers and developed user interfaces and components using tools and frameworks like AngularJS, SASS, and CSS
- Designed ThinkAgile Installer, a utility to configure VSAN clusters on newly deployed hardware and to deploy vCenter instances, with a major focus on simplicity and organization
- Performed code reviews and mentor junior engineers on software development best practices and standards
- Designed RESTful interfaces and APIs for use across presentation and aggregation UI tiers
- Developed and maintained a continuous integration build system with unit tests and automatic deployments using Docker
- Led the UI development and design of the Lenovo ThinkAgile Installer; a utility to configure VSAN clusters on newly deployed hardware and to deploy vCenter instances

XClarity Mobile
- Led a newly formed team (of ~8 team members) to successfully deliver Lenovo XClarity Mobile; a data center and systems management app for iOS and Android
- Designed the UI and UX for the entire app; conducted user demos and led feedback sessions to aid in iterating on early designs
- Shipped 8 updates to the app over the course of 2.5 years to add new features, address customer feedback, and make bug fixes - maintained 4.3 stars and accumulated more than 10,000 downloads
- Developed features utilizing the Ionic and AngularJS frameworks with RESTful interfaces to fetch data and perform user initiated actions against hardware in the environment
- Architected the continuous integration build system with Jenkins
- Worked to develop a next generation architecture for cloud applications with a frontend tier and extendable aggregation tier
- Utilized prototyping tools such as Axure RP and CSS to build high fidelity interactive mockups and wireframes for the mobile experience for
- Interacted with customers and turned feedback into tangible product enhancements

XClarity Administrator
- Designed many of the pages/features such as Firmware Updates, OS Deploy, and the Dashboard
- Created a set of design guidelines to encourage consistent interactions and behaviors across the different components of the product
- Worked with key stakeholders and early customers to present prototypes, gather thoughts, and apply feedback as necessary to existing designs

Software Engineer & UX Designer | IBM   **2011 - 2014**

- Developed features for FSM Mobile with JavaScript, HTML, and CSS using the dojo framework
- Wrote Cordova plugins in Java for accessing Android OS level functions and hardware and handled Google Play submissions and updates
- Contributed knowledge and code examples on handling SSL certificates in Cordova back to the community by writing a blog post in IBM's developer community
- After expressing an interest in design (and having contributed to designs for FSM Mobile), I joined the design team for a new product (that would later be acquired by Lenovo and released as XClarity Administrator)

SKILLS

Development:	JavaScript/ES6, React, Next.js, CSS, CSS-in-JS, GraphQL, Ionic, Cordova
Design:	Axure RP, Figma, UI/UX Design Patterns, Prototyping Interactive Mockups
Tools & Methods:	Jest, Jenkins, CI/CD, Git, Github, Gulp, NPM, Scrum, Agile

EDUCATION

Virginia Tech   **Graduated 2011**

Bachelor of Science in Computer Engineering

Minor in Mathematics

- Dean's List: Fall 2007, Fall 2009, Spring 2010, Fall 2010