Clinton Medbery

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Profile

Senior Software Developer who is able to analyze user needs, fulfill requirements, and write software in order to deliver features to the customer. Able to work the full stack and also create client applications on the desktop and on mobile platforms such as iOS and Android. Capable of learning and working with new frameworks quickly. Advocate for planning, testing, code reviews, and mentoring. Always exploring better ways of doing things.

Experience

Ceterus Inc.: (May 2018 - Present)
- Full-Stack developer using continuous integration to deliver regular updates for Ceterus' Fintech software solutions.
- Assisted sales team by writing tools to scrape lead information from websites using Go Lang.
- Back-end RESTful services using PHP, Slim Framework, and MySQL for persistence.
- Championed good practices like TDD using PHPUnit, running tests against builds, code reviews, and planning out tasks.
- Front-end development using React, Redux, Hooks, Ant Design and Storybook.
- Helped assist leadership by fleshing out epics, breaking down stories, and managing Jira documentation/requirements.
- Helped clean older code and architect code structure to be clearer and more maintainable.
- Taught bi-weekly lunch and learns focused on teaching less technical co-workers minor coding skills that could be useful in their roles.
- Mentored other developers by helping them plan stories, write test plans, and perform code reviews.

SecureGive@Booz Allen Hamilton: (May 2017 - May 2018)
- Full-Stack developer releasing new updates in two week, agile cycles.
- Back-end RESTful service using Scala, Akka HTTP, Slick, and PostgreSQL for persistence.
- Web development including leveraging technologies React, Redux, Reselect, Babel, Semantic, Jest, nginx, and Webpack.
- Helped create an iPad kiosk with Swift and CocoaPods that processed credit card transactions through a Lilitab reader.
- Used Electron, Node and React to write a Windows application that would process transactions with a credit card.
- Worked with React Native and Flow to write an iOS/Android app where users could donate money to the organization of their choice.
- Used docker to manage local testing environments.
- Used git to manage source control and reviewed team code using pull requests.
- Participated in biweekly planning meetings, sized stories and committed to stories that could be finished in time for QA to test my work.

VBMS Ratings@Booz Allen Hamilton: (March 2016 - May 2017)
- Worked on Veteran's Rule management system using Java stack that included Oracle SQL Server, Spring Boot, Liquibase, and Hibernate.
- Used JPA Named Entity Graphs and Hibernate to lazy load objects where appropriate in order to ensure a performant application.
- Wrote an intuitive front-end using AngularJS and Bootstrap that allowed users to manage business rules for veteran claims.
- Got rid of bower components in favor of NPM and rewrote application to be bundled by Gulp.
- Wrote unit tests to gain code coverage and meet major project goals for our government client.

ThinkIdeally: (September 2015 - February 2016)
- Contracted to help out on mobile "threes" matching game for Android and iOS using Unity and C#.
- Used Node.js, PostgreSQL and Bookshelf ORM to write a back-end for a daycare management solution an AngularJS and Bootstrap on the front end.
- Deployed Android and iOS applications to Google Play Store and Apple App Store.

College of Charleston Computer Science Research Project: (June 2014 - January 2015)
- Used ThreeJS to create animated 3D scenes and an interface to view them from various angles.
- Used WebSockets to create an open connection to the server and send the current state of the scene to the back-end.
- Created chat rooms where users can interact with one another.
- Used C# and the .NET framework to create a web server to display and manipulate 3D objects in a Three.js WebGL scene.

Publications

HeartSync: Mobile Pacemaker Failure Detector (iOS/Swift/HealthKit)

IEEE - Internet Technology And Secured Transactions (December 2015)
- Created an application that wrote and read values to HealthKit and Core Data in order to simulate the relationship between a wearable heart rate monitor like a Apple Watch and a pacemaker.

Education

College of Charleston

Masters in Computer Science (December 2015) Outstanding Student Award
Bachelor of Business Administration Degree (May 2010)

Competencies

- Java, Scala, PHP and Node
- Unity Framework with C#
- CocoaPods, SBT, Yarn, NPM
- iOS, tvOS, Android, React Native
- Spring Boot, Hibernate, Slick, Slim
- CircleCI, Jira, RTC, Jenkins

- HTML, CSS, Less, Semantic, Bootstrap
- Ant Design, Storybook
- React, Redux, AngularJS, Reselect
- Git, GitHub, RTC
- Oracle SQL, PostgreSQL, MySQL
- PHPUnit, JUnit, Jest