

# Jonathan Osterman

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## TECHNICAL SKILLS

### Programming Languages

C#.NET, ASP.NET, Familiar with HTML, CSS, Node.js, JavaScript, Golang, React, SQL, Shell Scripting

### Database Technologies

Microsoft SQL Server, SQL Server Reporting Services, Couchbase

### Blockchain Technologies

Hyperledger Fabric, Familiar with R3 Corda, and Ethereum with Solidity Smart Contracts

## EXPERIENCE

### Lead Blockchain Developer, Omnitude; Worthing, UK — Aug 2018 - Present

- Built out ecosystem middleware components that leverage Hyperledger Fabric framework.
- Created Loopback APIs that invoke and query data to and from the Fabric Blockchain.
- Created React Apps that are used to administrate lookup data stored in the Blockchain ledger.
- Conducted daily standup meetings when needed.
- Assisted dev team with project related issues and knowledge share on topics such as git source control, Node.js, React, and Hyperledger Fabric.

### Blockchain Consultant, Broadridge Financial Solutions; Lake Success, NY — Mar 2018 - Jun 2018 (Contract)

- Assist onshore and offshore teams with blockchain application support
- Conduct code training sessions to train the teams on how the Node.js applications and the Golang smart contracts interact with the ledger
- Implemented basic unit testing for Node.js application using Jasmine
- Wrote various shell scripts to automate adding external orgs to existing Fabric Network.

### Blockchain Developer, Bloxshare; Alpharetta, GA — Oct 2016 - Mar 2018

- Worked with Development team to build out Blockchain solution for Proxy Ballot Voting software.
- Created a Node.js console application to listen for new meeting events to be added to the Blockchain and created smart contracts written in GoLang.
- Initially experimented using Redis for queueing new events before implementing a different method within the Node app.

- Updated and add new functionality per business requirements to the Node.js chain code loader and Golang smart contracts.
- Work with Client's Dev and QA team to address bug fixes.
- Assisted sister company HSBlox with implementing a R3 Cordapp Healthcare Distributed Ledger Technologies system using Java.
- Built a Java console app to handle the parsing of healthcare claim data.

#### **FrontEnd Developer, Investshare; Alpharetta, GA — Oct 2014 - Oct 2016**

- Worked with Development team on maintenance and new feature enhancements of customer portals.
- Added SSRS Export reporting functionality to customer facing application.
- Promoted the use of more current development tools to maximize the use of more modern development technologies.
- Developed an [ASP.NET](#) Web API application to provide shareholder and proxy vote meeting data to clients that enables them to build their own custom solution.
- Updated a web forms application to be responsive using Bootstrap with AngularJS as the front end framework and calling an [ASP.NET](#) Web API 2 application to get data from the database.

#### **.Net Developer, Atlanticus; Sandy Springs, GA — 2011 - 2014**

- Managed team of 3 developers offshore to assist in application maintenance, enhancements, and new development.
- Conducted regular meetings with testing team in addressing any issues that arose with the development that was being done and prioritized all tasks that were being worked on.
- Consumed and worked with WCF as well as REST Web Services and parsed xml for data used in application for customer decisioning and reports.

#### **.Net Developer, MadisonGrey; Sandy Springs, GA — 2006 - 2011**

- Developed in house C#/ASP.NET web application with SQL Server 2005 database backend that is client facing to provide investors and managers a portal to access their financial information.
- Wrote SQL Stored Procedures and used strongly typed datasets to provide data to the application from the database.
- Provided support, demos, and training to internal staff of new versions and features of application.
- Assisted Compliance Department with development testing and troubleshooting for new versions of application.

### **EDUCATION**

North Georgia Technical College — Web Design Specialist 2001-2003