J. Jason Clark

E-mail: Jason@JJCConsultingLLC.com

Degree: BS in Computer Science from the University of Houston in 2005

Languages: Bash, C#, Go, Java, JavaScript, Ruby, SQL

Highlights:

- Understanding of design patterns and SOLID principles
- Proficient in SQL – used in PostgreSQL, MySQL, SQL Server
- Implemented custom and OAuth2 authorization and authentication systems
- Created single page applications (SPA) secured with JWT
- Created Slack chat bots and web hook responders
- Created live updated websites with Websockets

- Experiences with Agile methods – CI/CD, TDD, BDD, and pair programming
- Experience with Ruby on Rails, Node.js with Express, and net/http with Go
- DevOps experience with Docker, Linux, VMs, and Cloud providers AWS, Digital Ocean, Rackspace
- Created JSON API in several frameworks secured by Oauth
- Integrated with credit card processors
- Member of Seattle area developer communities

EXPERIENCE:

Edco
3/2016 – Current

Enhance and maintain fund raising web application at http://ed.co. Maintain infrastructure on AWS. Implement custom business rules to convert user actions into Mailchimp tags.
- Migrated AWS instance sizes to reduce monthly costs

Par8o
1/2014 – 2/2016

Enhance and maintain health care web application at http://par8o.com. Doing full stack development with Angular.js, Bootstrap, and jQuery on the front end and Rails on the back end. Upgrade dependencies for many frameworks. Enhanced site with live updates via Websockets.
- Created Github webhook responder to Slack bot workflow helpers
- Upgrade Rails framework from 3.2 to 4.1
- Use many databases: MySQL, Redis, Solr, Firebase
- Supported IE 8 compatibility

Hotel Insider
6/2014 – 3/2015

Create back end API server and multiple data ETL services. Enhanced front end application at http://hotelinsider.com. Covert SOAP services into JSON services. Created Express website for CRUD actions.
- Improved Heroku worker dynos efficiency for background processors
- Create Rails web service to talk to Node.js created API
- Implemented a new incoming data source from 3rd party provider

Analog Analytics
6/2012 – 6/2014

Create many new applications and maintaining existing ones. Using Rails and Sinatra with Ruby in a TDD environment doing mostly pair programming. Primary application is white-labeled "deals" or "coupon" shopping sites and related backend services. Standard tasks include feature implementation, security improvements, code cleanup, reporting, bug fixes and interviewing. Additional DevOps for cloud servers; chef deploys, rollbacks, one-off fixes, script updates.
- Created Vagrant based developer VMs
- Integrated new credit card processor
- Public and private gem creation
- Upgraded Rails from 2.3 to 4.0
- Test suite run time improvements

Hitachi Data Systems
3/2010 – 5/2012

Developer working on the Universal Compute Platform; a management solution for cloud based computing. Responsible for developing in the TDD style in a pairing environment on infrastructure, UI, and networking teams. Also write functional specs, perform code reviews, and teach API usage.

- Implemented multi-tenant user system
- Implemented role-based access control (RBAC) system
- Created generic data access layer (DAL) for applying business rules on data
- Enhanced build system to support unlimited configurations without redeploy
- Optimized for performance LINQ queries and SQL Sprocs application wide
- Created Node.js app to facilitate build out and validate of hardware appliance

Microsoft
5/2009 – 3/2010

Builder/Tester for security tools group. Worked on setting up the build environment and creating deployment scripts for web applications. Created framework for testers to test a series of WCF services and line of business web application. Wrote documentation and sample test cases using the framework.

- Setup 5 projects for nightly build and test on TFS server
- Created reusable deployment scripts for 3 web and SQL applications
- Implemented 2nd algorithm for a WCF service using Linq2SQL
- Wrote many automated test cases
- Created end to end automation for a line of business web site using WatiN

Microsoft
6/2005 – 3/2009

Developer in multiple teams: native install package for the Windows SDK and security developer on Internet Explorer. Created and updated business logic in CMS web site. Converted the packaging system to a newer technology. Security developer analyzing externally reported security bugs and hacks.

- Optimized the build to reduce build time by half; completing in 24 hours instead of 48
- Enhance and maintain CMS web sites for security exploits
- Created database validation system and implemented many rules as stored procedures
- Created custom binary installer action for MSI
- Created a scriptable HTTP server able to send correct and malformed responses
- Create tools to create reporting web pages
- Created tools to auto-create exploit reports in multiple systems
- Developed libraries and code-snippets used by testers to create automated test for Internet Explorer

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LINKS:

Blog	https://jjasonclark.com
Stack Overflow	http://www.stackoverflow.com/users/jjasonclark
Github	https://github.com/jjasonclark
Twitter	http://twitter.com/users/jjasonclark
Skype	http://www.skype.com/users/jjasonclark
LinkedIn	http://www.linkedin.com/in/jjasonclark