SAJJAD *HOSSAIN*

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I am an Automation Engineer by day. By night, I crusade the town serving a cold dish of vigilante justice. My mission is to rid the world of bad UX practices, desktop-first design, poor testing systems and unscalable solutions alike.

Technologies

- NodeJS,
- MeteorJS,
- MongoDB,
- Express,
- UnderscoreJS,
- Browserify,
- CoffeeScript,
- npm,
- Bower,

- Mocha,
- Chai,
- Jasmine,
- Behat,
- PHPUnit,
- NodeUnit,
- Selenium,
- WebDriverIO,
- Karma,

- PhantomJS,
- CasperJS,
- Jenkins,
- TravisCI,
- BuildBot,
- Docker,
- Vagrant,
- Chef,
- Puppet,

- AWS,
- Linode,
- Digital Ocean,
- MaterialCSS,
- Foundation,
- Bootstrap,
- HTML5,
- CSS3,
- SASS,

- LESS,
- Invision,
- Photoshop,
- Illustrator,
- OmniGraph

Experience

WithPulp Inc.
CO-FOUNDER, FULL STACK DEVELOPER
May 2013 to Present
- Contribute to design, branding, code and serving client solutions that range from games, to mobile apps, including web applications and branding/marketing campaigns.
- Build internal tools to accelerate processes, automate systems and produce reliable services, like internal JIRA plugins and Scope-Of-Work document generators.
- Architected and coded a contestant voting system for AMC's WeTV Network show: Match Made in Heaven.
- Consulted and worked with various non-profits to design software solutions that meet their needs.
- Created a functionally rich and reliable web application for wholesale powerhouse since 1975: Ruby Blanc.

Adcade
AUTOMATION ENGINEER
October 2014 to January 2016

- Created customized, versatile and maintainable frameworks to test components, applications and API's.
- Scripted tests that evaluated HTML Canvas ad units generated by Epoch™, the highly-anticipated interactive development environment, that helps developers and designers alike to deploy integrated bundles to an ad server.
- Built a JavaScript framework that can be used to create and execute robust user-acceptance & end-to-end tests against Epoch™, using Webdriverio, a JavaScript Selenium binding.
- Mastered Docker/Vagrant, Jenkins/Travis, Mocha, Chai, Jasmine, Node and more by creating this framework, which includes reporting, continuous integration and a dashboard for the business and engineering team

Amplify Education
AUTOMATION ENGINEER
June 2013 to December 2014

- Supervised & assisted in Amplify's initial customer-facing release to 12 districts across the U.S. Analyzed and revisited use cases, code and data to improve the usability, functionality and responsiveness of our Curriculum Application, eBook Library, Games, Simulation, SSO & API.
- Improved Android and iOS provisioning process by 70%, through Apple Configurator, Automator & ADB scripting, while addressing security/PII concerns and corporate guidelines.
- Helped establish the Release Management Team, defining release, hot-fix, branching and versioning processes using Git, Jenkins and AWS Beanstalk.
- Scripted automation & manual tests for integration, security, API's, hot-fixes, Web Apps, Native Mobile Apps, Simulations & Games, using tools like Behat, SOASTA, Cucumber, LoadUI, JMeter & Selenium.
- Defined UAT/E2E practices. Built and maintained frameworks for automation testing, including environment configurations, provisioning processed, code promotion & issue triaging.
- Lead knowledge transfer sessions with QA Engineers and developers on topics like Behat, SauceLabs, JMeter, Charles, Jasmine, Karma, Protractor and Jenkins.
- Queried and validated data using mySQL, SQL, PostgreSQL, noSQL & JSON (MongoDB, Node.js). Created SQL scripts against production environments to resolve dynamic errors that were "show-stoppers".
- Parsed Apache, CDN & RDS error logs for test data and reproducibility.

ComiXology Inc.
SENIOR AUTOMATION ENGINEER
November 2011 to May 2013

- Managed requirements, development, test plan and submission of Comics to Windows 8, introducing our application to an uncharted platform.

- Produced automated test scripts that verify functional expectations for features using Behat & MonkeyTalk.
- Integrated automation suite with Jenkins. Established deployment procedures, Hot-Fix (code emergency) procedures, branching procedures, environments, and ticketing procedures.
- Developed test plans, test cases, user-stories and acceptance criteria for products, for the top-grossing and top-selling iOS App, Comics, Comics and Client Web and Mobile Apps, the highly-anticipated comiXology Submit platform.
- Improved areas like device management and load testing. Implemented JMeter on multiple EC2 instances to simulate virtual load for the International Web Store.
- Significantly improved White-Label product turnaround for Comics framework by documenting and automating feature acceptance criteria, smoke tests, unit tests, API tests and regression tests.

ALLHDD
QUALITY ASSURANCE ENGINEER
December 2008 to November 2011

- Documented test plans, test cases, technical requirements and customer expectations for clientele, QA team and development team.
- Analyzed business documentation for areas of concern and discrepancies prior to implementation and established Acceptance Criteria based on expectations.
- Tested web products, applications and forms.
- Migrated projects from legacy in-house issue tracker to JIRA.
- Assisted clients in performing User Acceptance Tests and resolve client issues during maintenance phases.

References

Available upon request.