Andrew Woo

Full Stack Software Engineer

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Profile

Technologically-driven and innovative software engineer that has been working on developing enterprise applications in the financial servicing industry for over six years. Proficient in both front-end and back-end technologies. A highly motivated individual that takes pride in his work and enjoys complex problem solving. Always keeps a positive attitude and always strives to learn as much as he could. Collaborates well in Agile teams, large or small, and learns very quickly on the job.

Experience

Software Engineer, Depository Trust and Clearing Corporation (2011 - Present)

Worked on redesigning an existing Underwriting Application from the ground up as a Cloud Application to save costs on in-house storage/maintenance. Gained knowledge on Amazon Web Services designing the application using a server-less approach driven by RESTful API calls.

Contributed as an agile squad member focusing on delivering new functionality for a derivatives and financing solutions platform called GlobalCollateral. Had exposure to a growing industry while enhancing my knowledge on Spring MVC and various JS libraries.

Completed a full redesign of the existing Proxy Service Web Application to improve client feedback rating. J2EE application developed using Apache Struts Framework. Rating for the application improved dramatically as the new functionality was driven directly from client feedback during development.

Often takes the role of managing CI/CD processes using Jenkins jobs, as well as managing the version control system using Git/Bitbucket. Has familiarized and taught coworkers, company wide, proper Gitflow workflow.

Took on a project to automate a manual process regarding third party reauthorizations using Batch jobs in COBOL. Manual process involved sending over 14,000 emails to ask registered Issuers to reauthorize their third parties.

Education

Adelphi University – Bachelor of Science in Computer Science (Sept 2007 - June 2011)

Minors in Business and Mathematics

Skills

Javascript, Angular, RxJs, NgRx, React, Redux, JQuery, Bootstrap, CSS3, HTML, Java, Spring Frameworks, SQL, Oracle, DB2, Postgres, RESTful API, AWS(Lambda, S3, API Gateway), Scrum Agile Framework, Jenkins, CI/CD, Git, Bitbucket, Jira, COBOL

Achievements

Margin Transit Utility GlobalCollateral Production Launch (Dec 2017)
Security Position Reports Proxy Services Production Launch (Sept 2015)
Eagle Scout Rank - Boy Scouts of America

Organizations

Boy Scouts of America - Troop Committee (2007 - Present)
Phi Sigma Kappa National Fraternity - Former Treasurer - Alumni (2012 - Present)