Christopher Kim

Software Engineer

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Experience

Roth Staffing
May 2018 - Present

Junior Software Developer

- Led migration of legacy build system to Jenkins to automate deployment process. Setup Jenkins and configured target servers to automate deployment after source commit occurs. Wrote scripts for .Net applications to be used within Jenkins to inject configurations and build deployment package for each environment.

- Optimized pipeline by triggering multiple builds and tests concurrently. Locked test environment to ensure that only one build is allowed to utilize the test resources at a time. Discarded any preceding builds to ensure that the latest code is always deployed.

- Developed centralized security management service using IdentityServer4. Enabled single sign on/out over multiple applications by utilizing token management system using OAuth2 authorization.

- Redesigned monolithic legacy applications into group of loosely decoupled projects that interact through APIs for scalability and maintainability. Reduced multiple web site pages to single page application, leading to a improved user experience and a better overall frond end performance.

Project

SongBox

SongBox is a crowdsourced video queue application that allows people to add their favorite music video to the playlist via smartphones at social gatherings.

- Developed native mobile app that communicates with back-end server using RESTful API for component using React Native

- Utilized sokect communication to bind the data from backend server to display live data change from the server

- Implemented token-based authentication flow using JSON Web Tokens, AsyncStorage, and Passport.js

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Education

University of California, Irvine
Bachelors of Science in Computer Science

University of California, Irvine
Division of Continuing Education
Certification, Full Stack Web Development

Skills

Languages: C#, JavaScript, Java, Python
Tools & Frameworks: Angular, .Net Framework, Jenkins, React Native, SQL, NHibernate,
Concepts: CI/CD, Unit Testing, Responsive Design, MVC Pattern, ORM, RESTful API