

Joseph D. Reeder
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Senior Software Developer

RELEVANT EXPERIENCE

Software Team Lead, Real Green Systems by WorkWave, Commerce, MI April 2022 - Present

Senior Software Developer, Real Green Systems, Commerce, MI July 2019 - Present

- Direct contact for project managers, analysts and quality assurance.
- Worked with project managers and stakeholders to formulate timelines and roadmaps for flagship CRM software products.
- Lead development team in daily stand-ups, day-to-day task management.
- Researched and developed proof of concepts for integration with different third party APIs.
- Worked with director of software engineering and director of operations to overhaul the company's software development processes and procedures to improve on product quality and team productivity.
- Responsible for interviewing, managing and mentoring software development interns and newly hired developers.
- Maintained and improved upon process for automated builds and deployments to testing environments using TeamCity and Powershell scripts.
- Developed process and coding standards in collaboration with other senior developers.

Software Developer, Real Green Systems, Commerce, MI October 2017 - July 2019

- Maintained existing functionality and implemented new functionality for WCF services used by the companies flagship CRM and legacy applications to interact with third party APIs and internal licensing databases.
- Refactored and condensed code to be in a more usable and maintainable state, reducing the amount of time to fixing issues and improving the overall quality of the product.
- Developed and maintained CRMs GIS modules, including the products routing engine and Measurement Assistant features.
- Developed additional features and maintained existing features for DevExtreme based scheduling calendar used for appointment optimization and management.
- Participated in various meetings for planning, grooming and retrospective sessions with team and stakeholders.
- Carried out code reviews for all members of the team to ensure quality of code and functionality that followed acceptance criteria.
- Optimized assorted database queries and backend code execution to improve performance.
- Developed a wide variety of reports using the DevExpress reporting platform.

Software Developer, Urban Science, Detroit, MI August 2016 - October 2017

- Conducted deployments for the development and production environments based on the two-week development iterations.
- Work closely with teams to develop and maintain multiple systems and processes.
- Collaborate with the Account Management Team to ensure data accuracy.
- Continuously improve on existing processes and process documentation.
- Client data intake process and documentation.
- Implement new functionality in existing applications using multiple frameworks, libraries and tools.
- Work with the Account Management Team in developing innovative solutions for the client base.

Software Developer, BS&A SOFTWARE, Bath, MI May 2015 - August 2016

- Established and maintained an open line of communication with support staff to address customer requests and issues.
- Enhanced the user's experience with a variety of third party libraries and frameworks to build efficient applications.
- Released updates for all application's development iterations every two weeks.
- Maintained the quality assurance-testing environment with nightly application builds.
- Developed framework to incorporate the consumption of new third party data into C#/MSSQL packages.
- Collaborated with team members, accounting and marketing specialists, to design, develop and maintain

both desktop and web based .NET MVC applications. These applications included timesheet entry, personal, financial information management, and interdepartmental communication.

Software Developer Intern, BS&A SOFTWARE, Bath, MI May 2013 - May 2015

- Developed and documented software solutions for internal problems for various departments that increased productivity, sales, and functionality of the company's existing applications.
 - Visual studio plugin, which changed the appearance of the IDE environment based upon the branch of code that the open solution belonged to in TFS.
 - Automated the process of restoring databases to workstations for client training sessions.
 - Automated the process of filling out a request for proposal (RFP) supplied by third party companies.
 - Web crawler, to collect information from websites required for the applications and services provided to the customer.
- Participated in the two-week development cycles and worked with other developers to create new features and maintain existing applications.
- Assessed various security vulnerabilities of AccessMyGov.com.
- Lead meetings and demonstrations for the development team.

PROJECT EXPERIENCE

Spectrum Health (*Mobile Appointment Check-In and Payment*) Senior Design Project

- Worked closely with Spectrum's UI and back-end development teams.
- Developed a feature for Spectrum Health's existing mobile application to allow patients to check into appointments from mobile devices.
 - Used Cordova for multi-platform use of the feature.
 - Send notifications to the patient's mobile device upon arriving at a Spectrum Health facility by utilizing iBeacons and the mobile phone's Bluetooth functionality.
 - Allowed the user to verify and edit personal and insurance information.
 - Created the ability to sign consent waivers and compliance agreements.
 - Incorporated PayPal and Apple Pay plugins for the user to make payments.
- Carried out security vulnerability testing to ensure a secure system.
- Lead demonstrations of the developed feature for Spectrum Health employees.

TECHNICAL SKILLS

Languages: C#, C/C++, Python, Visual Basic, JavaScript, HTML, XML, PHP, CSS

Databases: Oracle, Microsoft SQL Server

Libraries/Framework: JQuery, Kendo UI HTML Framework, ASP.NET MVC, Knockout JS, Html Agility Pack, WCF, Android SDK, Cordova, EVO.Pdf, Openlayers, DevExpress/DevExtreme, Powershell

Software: Visual Studio, Eclipse, IntelliJ IDEA, Fiddler

OS: Windows, Unix

Other: AJAX, Agile, Kali Linux, Team Foundation Server, GIT, Android Mobile Applications, IIS7, SSIS, TeamCity

EDUCATION

Michigan State University – College of Engineering Graduated May 2015 Bachelor of Science, Computer Science and Engineering