


Daniel Delaney

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DEVELOPMENT SKILLS C#, C/C++, JavaScript, Python, HTML, SQL
Windows, working familiarity with Linux

CURRENT ROLE **Bentley Systems, Inc., Exton, PA**

Senior Software Engineer/Development Manager 2016-Present

Manage and lead a distributed multinational team developing Bentley CONNECTION Center, an online dashboard for utilizing Bentley Systems cloud services.

- Coordinate activities with multiple product managers to prioritize features, implement changes, and expose functionality from various Bentley cloud offerings.
- Apply user feedback to rapidly develop and roll out iterative features
- Migrate identity providers from WSFederation to OpenID Connect
- Refactored monolithic services and websites into microservices and web apps
- Spearheaded the migration from TFSVC and XAML builds to Git, Cake build, and VSTS for all Bentley cloud products
- Developed best practices for teams to achieve rapid release cycles with dependency injected unit testing, integration tests, and Selenium
- Migrated IaaS products to PaaS while upgrading to more modern ASP.net frameworks

PREVIOUS EXPERIENCE **Bentley Systems, Inc., Exton, PA**

Lead Developer 2014-2016

Lead the development of the Bentley CONNECTION client, a managed desktop application for integrating applications with Bentley Systems cloud services.

- Handled client authentication through WS-Trust
- Created native, managed, and COM APIs for accessing cloud services and data
- Worked with internal teams to plan client and API enhancements to fit their cloud collaboration needs
- Developed user interfaces to display project data, notifications and updates using WPF and the MVVM pattern
- Wrote a WIX installer and managed application updates for Bentley products delivered through the CONNECTION client
- Led team to rapidly re-platform all product licensing, reporting, and enforcement on top of the CONNECTION client

ProjectWise Developer 2009-2014

Developed Windows services and clients for the ProjectWise content management system, a 3-tier content and information management system targeted at CAD users.

- Maintained core server components including access control, database upgrades, and auditing
- Created server and client automated tests for use in certifying releases
- Ported C++ codebase to 64bit
- Updated wire protocol to support older clients and structure size differences on multiple architectures
- Extended public API for integration with 3rd party software

- Maintained integration plugins for Microstation, Autodesk Revit and Microsoft Office
- Managed interns and helped them develop MFC programming competencies by assigning relevant tasks and providing guidance

PERSONAL PROJECTS **Applecross Community HOA Website** *2016-Present*

- Created a website to manage submissions to the architectural review committee using ASP.Net Core hosted in Azure
- Manage homeowner building requests through submission, completeness checks, review, and long-term archive storage
- Automatically notify homeowners and board members of status changes and action required via email

Goodreads Mobile Development *2010 - 2014*

- Developed and marketed apps to enhance access to Goodreads.com on Android and Windows 8
- Released frequent updates to improve usability and add new features based on user feedback

EDUCATION **Rensselaer Polytechnic Institute**, Troy, NY
Bachelor of Science: Computer Science; May 2009