

Seán P. Quinlan
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Summary

Software Development Manager

Collaborative team builder with strong leadership and communication skills. Extensive experience in project, personnel and resource management in an Agile environment. Fourteen years of Perl, Linux & web development experience, primarily in applications and services for data management & presentation. This includes designing and leading large scale, multi-year projects from architecture to execution, working closely with the business, stakeholders and implementers.

Seeking a senior developer, team lead, or development manager role where I can use not only my development skills but also leverage my years of proven experience in application design and team management.

Example Skills & Experience

Perl, Moose, HTML, JavaScript/AJAX, Familiar with PHP & Ruby, CSS, RSS, jQuery, SQL, Informix (SPL), MySQL, ServerStudio, Apache, Perforce, Subversion, Bugzilla, JIRA, Confluence, SSH, GPG, Selenium QA, XML, Agile, Scrum

Professional Accomplishments

Manager of Release Operations

Cambridge Interactive Development Corporation, February 2012 - Present

Responsible for managing all aspects of CIDC's release process, from day-to-day operations to process improvements, as well as providing development and test environment support.

- Lead a team of 3 Release Engineers.
- Ran the daily Release Control Board stand-up and ensured the status of queued releases was communicated to the business daily.
- Began development of a tool for recording release instructions and status, as well as automating releases, using Perl with Dancer & MySQL.
- Guided adoption of ChangeGear for managing the release process, including specifying and documenting how each step would be managed and communicated.
- Began discussions with Development and QA Directors on formalizing adoption of [Development Operations](#), and how that could benefit our goal of Continual Integration
- Reviewed and prioritized the project backlog for improving automation and testing within the release process.

Software Development Group Manager

Cambridge Interactive Development Corporation, June 2009 - Present

As a Group Manager I was responsible for managing and mentoring my reports not just in technical matters but also as a personnel manager, reporting to HR.

- Lead a team of 5 developers, striving to ensure everyone delivered high quality work.
- Responsible for the long-term stability of the company's Affiliate Management platform (EVA), acting as both Product Owner and Architect.
- Act as a technical lead on many additional projects beyond EVA.
- Coordinated work with other internal departments including Quality Assurance, Release Engineering, Marketing and Affiliate Management.
- Continued as a primary organizer of CIDC's *Infrastructure Projects* pipeline.
- Technical lead on the implementation of CIDC's *Perl Runtime Environment*, which decoupled the company's Perl based tools and services from the OS version of Perl.
- Technical lead on the migration of Development, QA and Staging resources to VMWare, with the goal of automated deployment.
- Mentored personnel within an Agile team environment, assisting with the adoption of Scrum and participating in and encouraging ongoing training in Agile processes
- Provided cross-departmental training in Perl
- Generally championed the adoption of a variety of Best Practices for software development, and strongly encouraged my reports and teams to do the same.

Sr. Software Engineer

Cambridge Interactive Development Corporation, March 2007 - June 2009

As part of the server-side development team, I worked on nearly every portion of the company's software, both internal management and customer facing.

- Worked as a primary developer on the company's two highest profile, externally facing projects to be released during this period.
- Involved in specification review, timeline estimation, documentation, and release coordination for nearly every project on which I was involved.
- Assigned as Development Liaison to the QA department.
- Introduced Selenium IDE to CIDC, provided training for QA and Development, and assisted in planning how to incorporate these tests in our processes.
- Involved in pilot project to introduce Selenium RC to the QA pipeline.
- Provided internal support and training on the use of the jQuery and Prototype JavaScript libraries.
- Worked jointly with Release Engineering documenting the company's SDLC, recommending the inclusion of certain Best Practices as part of the SDLC.
- Helped form CIDC's *Engineering Infrastructure Task Force*, and served as Server Side Developments representative.
- Won numerous quarterly awards and contributor appreciation bonuses

System Support 3

Bioinformatics Program, BMERC, Boston University Jan. 2004 - March 2007

Provided systems support and development for the [Bioinformatics Program](#). Help the Center's graduate students and postdoctoral fellows develop new tools to meet their own research goals, including providing advice on good software development practices.

- Developed new methods for prediction and classification of WD repeat containing sequences.
- Assisted in developing specifications and bid review on 200+ CPU purchase.
- Improved and extended database schema's, including incorporation of extended WD repeat library and preliminary genome assemblies.
- Streamlined update procedures for new genomes.
- Provided genomic databases and tools for use on the BioWulf cluster.
- Developing a new student management system to meet the specific needs of the program.

Bioinformatics Specialist

Massachusetts General Hospital, Department of Molecular Biology Sep. 2001 - Jan. 2004

Project leader for development of mission critical applications for the [MGH's DNA Core](#), principally a [Laboratory Information Management System](#) (LIMS).

- Spearheaded adoption of software development best practices such as version control and setting up a dedicated QA and documentation team.
- Coordinated representative users and core managers to develop requirement specifications, and guided development to meet those requirements and QA to validate project releases.
- Integrated data management tools for four subgroups within the DNA Core: Synthesis, Sequencing, Bio-Automation and Microarray.
- Developed tools for incorporating a wide range of high-throughput equipment for such tasks as sequencing and oligonucleotide synthesis and support for product QC and process control.
- Provided a web front end for process management with secure (SSL) access from any computer on a permitted network using any modern browser. System incorporates group and user access controls to resources and data.
- Created a client interface for placing orders for oligo synthesis and sequencing including tools for tracking the progress of an order.
- Provided order and account reports suitable for import into the existing billing procedures, greatly improving the level of automation in tracking customer orders and generating invoices.

See the [long](#) version of this resume.

References and letters of recommendation available upon request.