

Daniel Westbrook

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Qualifying Skills

High Level of Experience with:

- Working in a team, with other software engineers and business analysts
- Communicating complex, technical ideas to nontechnical users and business analysts
- Agile software development in general
- Scrum
- DevOps
- C++
- Java
- Using JAX-WS to both create and interact with SOAP webservices in Java
- PolicyCenter and other Guidewire products
- Gosu (proprietary Java variant for PolicyCenter)
- Python
- SQL
- Hibernate (a Java object relational mapping library)
- XML, and XML parsing libraries
- HTML with CSS
- Git
- SVN
- Eclipse
- Microsoft Windows (95 through 10)

Some Experience/Exposure to:

- Microservice Architecture
- Messaging Queues (RabbitMQ in particular)
- Ant
- RESTful webservices
- Apache Tomcat
- Spring framework
- SQLAlchemy (a Python object relational mapping library)
- OpenGL
- Visual Studio
- Bash scripting & Windows batch scripting
- COBOL
- Lisp
- Windows system administration and networking
- Microsoft Active Directory administration and automation
- Linux

Work Experience

April 2017 - Present

Molten Metal Games (self employed), Columbia, MO

Owner, Developer, Artist, Designer

- Perform the roles of Lead Software Engineer, Lead Software Architect, Lead Artist, Lead Game Designer, Accountant, and Business Manager, toward the goal of developing a PC video game.
- Designed, implemented, and optimized a custom C++ game engine, using OpenGL (via SFML).

March 2013 - April 2017

Sentry Insurance, Davenport, IA

Software Engineer

- Successfully collaborated with business analysts and other engineers, working toward the release of a high performance, scalable insurance policy management webapp, built on top of Guidewire PolicyCenter. Utilized Apache Tomcat, Gosu, Java, and SQL.
- After release of the above system, I was a member of the critical priority maintenance team (called the swat team), on which I diagnosed and fixed critical, time-sensitive defects and addressed faults and downtime incidents. This included the typical responsibilities of collaboration and technical engineering work, along with keeping cool under pressure and performing triage with project managers and stakeholders.
- Created and maintained multiple SOAP webservices and client projects utilizing JAX-WS, which interacted with the above policy management system and outside systems, including government webservices and data warehouse systems.
- Tech lead on a small team which successfully designed, implemented and maintained a Java process which reported company-wide workers comp data from multiple internal source systems to governmental agencies at

the federal and state level, as well as insurance industry organizations like NCCI. We designed and implemented the Java-based reporting process, a SQL database schema it used, a business-facing frontend webapp running on Apache Tomcat with Swing, and a JAX-WS webservice client which interfaced with government insurance agencies. I collaborated closely with other software engineers, business analysts and subject matter experts, as well as representatives from government insurance bureaus as a part of this process.

Summer 2010 - Spring 2012

Illinois College IT Department, Jacksonville, IL

Student Technician

- Performed a wide variety of IT maintenance and support tasks for the staff, faculty and students of Illinois College.
- Diagnosed, researched and fixed basic to very challenging computer software and hardware problems, collaborating with users and fellow techs to find a solution.
- Wrote a series of automated data entry and server setup programs at my supervisor's request. They automated a few weeks-long manual processes into 10-minute executions.

Education

2008 - 2012

Jacksonville, IL

Illinois College

Bachelors of Science in Computer Science with a minor in Art. Graduated Cum Laude. GPA 3.461

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References

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