

Employment**Innography, Inc**
Director of EngineeringAustin, TX
August 2012–Present

I'm responsible for Innography's latest and greatest research and development efforts. In addition, I continue to have responsibility for Innography's product and IT infrastructure.

Innography, Inc
Director of DataAustin, TX
November 2008–August 2012

I led and managed the data team at Innography. I had development, operations and management responsibility for all function "behind the web layer" and for the folks who created the magic.

I used a combination of ETL techniques and custom normalization schemes to create and maintain a multi-terabyte business intelligence database comprising virtually every patent ever issued as well as all relevant litigation and firmographic data.

I also had responsibility for all infrastructure concerns for our production and development environments.

IBM Corporation, Sales & Distribution
Solution Architect, Energy & UtilitiesChicago, IL
January 2008–November 2008

I created the Component Business Model that describes all of IBM's business and strategy offerings in the Energy & Utilities sector.

I reported up through Sales & Distribution, but was responsible for IBM's global Energy & Utilities interests in every IBM division.

IBM Corporation, Software Group
Technical Opportunity ManagerAustin, TX
May 2006–January 2008

I conceived, researched and scoped the business and technical requirements of customer opportunities for IBM's Software Services for WebSphere. I negotiated and authored technically accurate Statements of Work and contracts with multiple internal and external customers. I staffed IBM consultants and business partners to IBM customer engagements ensuring that the customer received the optimal consulting team while maintaining maximum resource utilization in ISSW. I managed the full lifecycle of our presence at a customer, including staffing, logistics, contract change requests, reviews and transitions into future work.

IBM Corporation, Software Group
ConsultantAustin, TX
December 2004–May 2006

I architected, implemented and managed WebSphere portfolio service engagements with significant content from other IBM and vendor software products. In this capacity, I progressed from a member of the technical team to the team lead at many high profile organizations. While my expert skills were with the WebSphere Business Integration suite, including WebSphere Process Server, WebSphere Business Integration Server Foundation and WebSphere InterChange Server, I have extensive architectural and integration experience with the entire IBM software portfolio and can effectively integrate their various functions into a comprehensive customer solution.

IBM Corporation, Software Group
Software Engineer

Austin, TX
August 2003–December 2004

While in the development lab, I held a number of different positions. I was a member of the WebSphere Process Server development team, where I wrote Java code in support of the migration, security and shared artifact repository components. Prior to that I was a part of the Industry Standard Solutions group, writing adapters for the WBI InterChange Server. Prior to that I was a member of the Industry Solutions development team for Energy and Utilities.

IBM Corporation, IBM Research Group
Extreme Blue Intern

Austin, TX
May 2002–August 2002

As part of a team of 3 technical students and 1 business student we created, pitched and marketed a network hardware and software package for wire-speed gigabit content-based (layer 7) routing.

Education

B.S. Computer Science and Engineering, University of Notre Dame, 2003
Minor in Mediterranean and Middle Eastern Studies
Primary research areas: networked and distributed systems, parasitic computing

Selected skills

Organizational and technical leadership
Software development, methodologies and process governance
Enterprise-scale architecture and implementation of software solutions
Most functional, procedural and OO languages (especially PHP and Java)
Most relational and NoSQL DBs (especially MySQL, DB2, and MongoDB)
Infrastructure and admin experience across most UNIX variants (especially Linux)
Cloud deployment, management and governance (especially AWS)
ETL, data analysis, warehousing, normalization