

Russell Lankenau

Objective

A development position that exposes me to new and interesting problems.

Experience

Feb 2015 - Present	Kaazing	Warrenville, Illinois
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Sr. Principal Software Engineer, R&D

- Implement features for Aeron, a high-performance open-source UDP messaging transport
- Design higher-level messaging features for key customers

2013- Jan 2015	Informatica Corporation	Warrenville, Illinois
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Principal Software Engineer, R&D

- Lead team of 4 to develop Data Exchange Framework, a high-throughput messaging system
- Lead an effort to triage issues around persistent messaging product

2012-2013	MapR Technologies, Inc.	San Jose, California
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Solutions Architect, Central Region

- Provided technical presales support for Hadoop customers and prospects in the central US
- Designed and implemented proof-of-concepts around enterprise search, mainframe offload, columnar datastore, and MapReduce processing
- Developed sales tools around baseball analytics, sentiment analysis, social media processing
- Delivered talks on Big Data to user groups and conferences (Big Data Madison, Chicago Big Data Week, Informatica Big Data Roadshow, SNW)

2008-2012	Informatica Corporation (29West, Inc.)	Warrenville, Illinois
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Senior Software Engineer, Advanced Customer Engineering

- Developed and delivered training material for global support staff
- Assisted high-profile customers in implementation of a global messaging bus
- Performed remote and on-site analysis and triage of production issues for key customers
- Guided proof-of-concept implementations for high-value prospects
- Developed scripting language for validation of customer configuration
- Created tools for rapidly staging customer environments and simulating WAN connectivity
- Developed tools for post-mortem analysis of debug logs and core files
- Performed security audit on protocol handling code at customer request

Software Engineer, Research and Development

- Developed core features in Ultra Messaging Streaming, Persistence, and Queueing products
- Performed initial research on implementation of native Infiniband transport
- Extended core protocols (reliable multicast, reliable unicast, topic resolution)

2006-2008	Software Engineer at SSS Research, Inc.	Naperville, IL
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Education

2001-2004	College of DuPage	Glen Ellyn, IL
2004-2006	North Central College	Naperville, IL

B.S. Computer Science (North Central College)

- Outstanding Major in Computer Science Award, 2005

References

References are available on request.