

Ilya Bernshteyn

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Work Experience

6/2015 - Present Guaranteed Rate: Software Engineer

- Hands-on tech lead for a team of five, primarily building microservices in Clojure
- Built RESTful APIs integrated with third party vendors, like consumer credit providers
- Created sales tools used to quote \$23B per year in mortgages
- Saved six months and \$1M by writing an ETL in Clojure to support legacy reporting tools
- Built internal Clojure libraries for AWS Pub/Sub via SNS/SQS and storage via S3
- Teaching internal Clojure University program for new developers
- Tools: Clojure, ClojureScript (re-frame & reagent), PostgreSQL, HTML/CSS, JavaScript, AWS, Docker, Kubernetes

9/2013 - 6/2015 Law Bulletin: Software Engineer

- Migrated software to AWS, halved timelines by building APIs for legacy products
- Automated setup of AWS infrastructure using Puppet and Cloud Formation
- Built monitoring tools to ease development, debugging, and production support
- Tools: Java, Oracle DB, MySQL, Spring, HTML, CSS, JavaScript, jQuery, AWS, Git

3/2011 - 9/2013 BlueCross BlueShield: Web Application Developer

- Identified and resolved software bugs that reduced disconnected callers by 5% in an IVR
- Created production support procedures to shorten recovery to meet a 99.9% uptime SLA
- Tools: Java, SQL Server, Spring, Hibernate, Cisco IVR

3/2011 - 11/2011 OpticSale.com: Software Developer (Contract)

- Developed an ERP for inventory management, customer service, and sales reporting
- Collaborated with end users to implement efficiencies in shipping and cost tracking
- Tools: Java, SQL Server, Swing

2/2008 - 3/2011 Intechnic Corporation: Web Project Manager

- Lead development on web-based consulting projects across multiple industries including metals and chemicals manufacturing, exhibit marketing, flooring, and e-commerce
- Tools: PHP, MySQL, HTML, CSS, JavaScript, jQuery, and a custom CMS

Education

12/2011 - 12/2013 M.S. Computer Science, Depaul University, Chicago

9/2004 - 5/2008 B.A. Business, Lake Forest College, Lake Forest, IL