John Connolly

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Summary

Principal Software Engineer with management experience. Most of my roles focus on distributed systems and backend development. I enjoy scaling systems and shaving milliseconds.

Experience

Flow Commerce (acquired by Global-E [NASDAQ: GLBE] Dec. 2021) — REMOTE/HOBOKEN, NJ
Principal Software Engineer — *2021 – present*
Built and scaled Flow's primary SMB-markets platform, powering Shopify Markets Pro using Scala, sbt, Akka, Play Framework, AWS, Kubernetes, Docker, PostgreSQL, some light Ruby and NodeJS for tools and test automation.

Netsmart — REMOTE/GREAT RIVER, NY
Team Lead & Senior Architect — *2020 – 2021*
Leadership position on team of 8. Converted legacy stack from MUMPS and Java "fat client" to Angular/Java/Spring Boot/PostgreSQL/Openshift

Perfumania Holdings Inc. — REMOTE/BELLPORT, NY
Senior Applications Engineer — *2018 – 2020*
Managed entire Ecommerce platform, from dotcom orders to Amazon Marketplace to warehouse fulfillment. Managed daily operations, technical projects, and remote on-prem teams to meet aggressive growth goals.

OpenXchange Inc. — REMOTE/OLPE, GERMANY
Senior Software Engineer — *2016 – 2018*
Customized backend to integrate with client infrastructure. Designed and implemented single-sign-on flows using OAuth or SAML, consumed and provided RESTful and SOAP APIs required to scale to millions of concurrent users. Trained client development teams to customize the product.

CooCoo Inc. — HUNTINGTON, NY
Senior Software Engineer — *2015 – 2016*
Lead API Team, designed and implemented APIs and backend services to services 10+ Mobile Ticketing applications. Partnered with F500 mass transit hardware company. Introduced monitoring and alerting.

Please refer to my Linked-in profile for a more complete list of work experiences along with recommendations.

Education

Stony Brook University — STONY BROOK, NEW YORK
Bachelor Science in Computer Science
Dean's List. Contributed to Game Theoretic research published in MIT's Artificial Life Journal and Public Affairs Quarterly. Undergraduate TA under Dr. Patrick Grim in Philosophy of Mind and Philosophy of Computers.

Skills

Languages: Java, Scala, Clojure, Python, Ruby, JavaScript, bash.

Frameworks/Technologies: Frameworks/Technologies: HTTP, Apache Storm, Apache Camel, Jetty, Spring, RabbitMQ, Amazon SQS, AWS, Kubernetes, Docker, ElasticSearch, Logstash, Kibana, Solr, Graphite, Couchbase, Memcache, Riak, MySQL, PostgreSQL, OSGi, Redhat & Debian-based Linux, OSX.

Tools: Eclipse, IntelliJ, git, Jenkins, Varnish Cache, Puppet, Atlassian products, github, vim.

Goals

Non-exhaustive and in alphabetical order: Bring functional programming to the table where appropriate. Maintain a sense of code ownership through pride in my work. Solve problems of scale. To contribute to a product that I would use. To stay curious.