

Jonathan Kaufman

Software Engineer

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History of learning quickly and growing to become a top contributor and leader.

Refined interpersonal skills and experience working collaboratively with customers, clients, and other developers, as well as giving talks.

Software architecture, development, and deployment experience, with four years in progressive roles.

Software Engineer

IBM Emerging Technologies / MA / August 2016 - Present

Joined a team of four and quickly rose to become the top contributor, developing the server-side technology for IBM's partnership with Harman in creating a physical conversational agent.

- Developed the api for voice interaction, designed the database for storing user metadata, and built an admin UI for testing, debugging, and device management.
- Collaborated with research teams across the world in building a conversational model that manages context and multiple expertises.
- Worked with Watson Conversation Service, IBM Internet of Things Platform, Alchemy Natural Language Processing APIs, OpenWhisk (serverless technology), Cloudant, Speech to Text, and Text to Speech.

Developer Advocate

IBM Emerging Technologies / MA / July 2015 - August 2016

Recruited internally to work with developers, enabling rapid application development on top of IBM's PaaS Bluemix, and using IBM Watson Machine Learning and Natural Language Processing APIs, despite the job requirements calling for 8+ years experience in this area.

- Led 8 technical sessions, and attended 20 developer conferences in 6 countries.
- Built and open-sourced 6 demo applications showcasing different aspects of the platform; from building visualizations to IoT and microservice-based systems.
- Worked extensively with Cloud Foundry to design and create cloud native applications, along with Docker, React, React Native, Node.js, MongoDB, CouchDB, D3, and Java.

Software Engineer

IBM Collaboration Solutions / MA / June 2013 - July 2015

Front-end web developer for IBM Verse, specifically on search, threads, analytics, folders, and the overall framework. Quickly rose to leadership positions and was involved in many design, architecture, and infrastructure decisions.

- Conducted interviews for full time and intern candidates.
- Worked with Apache SOLR, the Dojo Toolkit, JavaScript, HTML5, CSS3, Java, and Jenkins.

Languages

JavaScript, HTML5, CSS3, Java, C, Python

Frameworks/Platforms

Node.js, React, React Native, D3, Dojo Toolkit

DevOps

Docker, Kubernetes, Cloud Foundry

Databases

MongoDB, CouchDB, Redis, MySQL

Highlights

Received top contributor award three out of four years at IBM.

Designed, architected, and developed the UIs and servers for more than 15 applications.

Contributed to 15 open source projects.

Conducted 16 technical interviews.

Cornell University

Ithaca, NY / 2009 - 2013

Bachelor's Degree, Electrical and Computer Engineering

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