

JONATHAN KAUFMAN

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jkaufman.io

github.com/kauffecup

LANGUAGES

JavaScript ●●●●●
HTML5 ●●●●●
CSS3 ●●●●●
Java ○●●●●
C ○●●●●
Python ○○○●●

FRAMEWORKS + PLATFORMS

Node.js ●●●●●
React ●●●●●
Dojo Toolkit ○●●●●
React Native ○●●●●

APPLICATION DEPLOYMENT

Cloud Foundry ●●●●●
Docker ○●●●●
Kubernetes ○○○●●

DATABASES

MongoDB ○●●●●
CouchDB ○●●●●
Redis ○○○●●
MySQL ○○○●●

CORNELL UNIVERSITY

Ithaca, NY / 2009 - 2013

Bachelor's Degree
Electrical and Computer
Engineering

ADDRESS

55 Magazine Street Apt #66
Cambridge, Massachusetts
02139

SOFTWARE ENGINEER

IBM Emerging Technologies / MA / August 2016 - Present

Worked alongside a team of four to create the server-side technology for IBM's partnership with Harman in creating a physical conversational agent for different conversation and automation scenarios. Constructed the conversational model, developed a means for device interaction using voice, designed the database for storing user metadata, and built an admin UI for testing, debugging, and device management. Quickly rose from being the newest member on the team to the top contributor.

- Collaborated with research teams across the world in building a conversational model that handles 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

Responsible for working with developers to enable rapid application development on top of IBM's PaaS Bluemix, and by using IBM Watson Machine Learning and Natural Language Processing APIs.

- Led 7 technical sessions, and attended 20 developer conferences and meetups in 6 countries.
- Built and open sourced 6 demo applications showcasing different aspects of the platform and APIs; from building visualizations to IoT to 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, while advocating for clean and modular code throughout the project's entire codebase.

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