# SAI VENNAM

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*I'm a passionate developer with the drive to work on the newest technology and the initiative to expand my network of influence. My ideal position allows me to focus on developing my technical capabilities while impacting the greater professional community.*

## EDUCATION

Bachelor of Science in Computer Science ▪ 2009 – 2013
University of North Carolina Chapel Hill

## EXPERIENCE

**Software Engineer on Bluemix** at IBM (Durham, NC) ▪ 2013 – current
Development Lead of the IBM Node.js offering and vital contributor to the Bluemix Java offering. Primary architect and engineer for StrongLoop integration on Bluemix. Bluemix developer advocate with strong community involvement and engaging content creation.

**Software Engineering Co-op on Liberty** at IBM (Durham, NC) ▪ 2012
Ported a significant WAS feature, DynaCache, to the Liberty Application Server. As iteration lead of leads, aligned all teams in the Liberty organization to drive agile process and create a Liberty release.

**Game Developer** at UNC Kidney Center (Chapel Hill, NC) ▪ 2011-2012
Engaged with doctors from the Kidney Center to architect a game to help young patients at the center remember their medications, allergies and dietary restrictions. To address the requirements, utilized the Unity game development engine to create "Shooting Stars".

**Web Development Intern** at A&T (Greensboro, NC) ▪ 2011
Created and deployed a modern website for the NASA CAS department at the A&T University.

## APPS AND ACTIVITIES

**Scrumify Agile Web App** IBM BlueHack First Prize Winner over 79 other submissions
**StrongLoop Boilerplates** available since acquisition day on IBM Bluemix catalog
**Project Guru** Intelligent student experience platform with Watson capabilities
**Application Management** on Bluemix delivered with **Node.js Buildpack v2.0**
**Shooting Stars** Interactive learning game for young patients at UNC Kidney Hospital
**3-part video series** on Node.js and Cloudant in Bluemix
**Subject Expert** on Stack Overflow and dWAnswers

## SKILLS AND EXPERTISE

**Node.js and Liberty** Runtimes Web application developer
**Docker and Cloud Foundry** Cloud technologies
**SOA and Microservices** Application Architectures
**Agile** development methodology experience
**MEAN stack** (MongoDB, Express, Angular, Node.js) developer

### Software Expertise

| | | | |
|---|---|---|---|
| Node.js | Ruby | HTML5 | Bootstrap |
| Go | Java | AngularJS | Camtasia |
| Bash | Javascript | Git | Photoshop |

## COMMUNITY INVOLVEMENT

Speaker and attendee at Cloud Foundry and Bluemix meet-ups
Advocate, speaker and representative for IBM Bluemix at a number of Hackathons and conferences

- Java One 2015
- HackDuke
- Pearl Hacks
- HackDC 2015
- HackNC 2014/15

## EXTERNAL CONTENT

### Popular Blog posts

Getting Started with Bluemix and StrongLoop https://ibm.biz/BdHDGu
Bluemix Node.js Buildpack v2.0 https://ibm.biz/BdXVr2
Java and Cloudant NoSQL DB on Bluemix https://ibm.biz/BdFDTq

### YouTube Videos

IBM Bluemix and StrongLoop https://www.youtube.com/watch?v=pzIZHy-iJAs
App Management for Node.js Apps https://www.youtube.com/watch?v=rH7RPVTk5vQ
Scrumify Introduction and Demo https://www.youtube.com/watch?v=tTSE7BhDULM

### StackOverflow and dWAnswers profiles

http://stackoverflow.com/users/4825009/sai-vennam
https://developer.ibm.com/answers/users/557/sai-vennam.html

### GitHub

https://github.com/svennam92