Adithya **Venkatesh**

EXPERIENCE

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Github	bloomark
Work Authorization	H1B, Indian Citizen

Amazon Web Services | Seattle, WA | 04/01/17 - Present
SDE 2 | Developer Tools

- Launch team for a fully-managed test orchestration platform to make CI at Amazon even faster.
- Built and owned tools for continuous/canary testing to help service owners identify issues and pre-empt negative customer impact.
- Constantly finding ways to evangelize Builder Tools products and educate new engineers; led workshops, bootcamps and talks.

Amazon Web Services | Seattle, WA | 07/13/15 - 03/31/17
SDE | Developer Tools

- Owned and develop cloud based tools that enhance the High Scale Load Testing and Continuous Integration Test Automation experience for Amazon's tech population
- AWS CodeBuild pre launch team

Master's Project | Ithaca, NY | Spring 2015
Developer | f13x - Cryptocurrency Exchange

- Developed f13x under the guidance of Prof. Emin Gun Sirer
- A fast, scalable cryptocurrency exchange built on top of Bitcoin, Dogecoin, Flask, and Hyperdex
- Combines NoSQL performance with ACID transactions to provide a more secure trading experience

InMobi | Bangalore, INDIA | 01/20/14 - 07/25/14
SDET Co-op | Release Management Engineering

- Prototyped an Integration Test framework for a chef-based deployment platform with JenkinsCI, test-kitchen and minitest-handler
- Prototyped a platform that enabled analysis of source quality and build metrics at Inmobi

Concordia University | Montreal, QC | 07/19/13 - 07/29/13
Summer Research

- Researched a 'CDMA Protocol in Multi-channel Multi-Radio Wireless Mesh Networks' with Prof Brigitte Jaumard.
- Prototyped protocol to run a comparative study against different WiFi channel configurations.

IIT Bombay | Mumbai, INDIA | 06/14/12 - 08/10/12
Summer Research

- Research algorithmic solutions and improvements to simulate CNC Machining using Octree and Quadtree data structures

Courses

Graduate	High Performance Systems and Networking •Defending Computer Networks •Cloud Computing Database Systems •Large Scale Information Systems
Undergraduate	Operating Systems •Computer Networks •Computer Graphics •Algorithms High Performance Computing •Internet Technologies •Discrete Mathematics

Education

05/24/15	**Cornell University**, USA **MEng**, Computer Science Cum. GPA : 3.78 out of 4.0
06/06/14	**M. S. Ramaiah Institute of Technology**, INDIA **B.E.** Computer Science Cum. GPA : 9.02 out of 10.0

Technologies

Daily Use	Java • Ruby • AWS • Shell Amazon internal ecosystem
Familiar	SQL • Python • LaTeX C • C++

Awards

Amazon 2017	You Rock award for automating region service region builds
Undergrad 2014	Best graduating student of year (1 out of 180 undergrads)
National 2013	Instituition of Engineers India Rupees 50,000 Grant-in-aid (10 out of 200 entries)
National 2013	National Design & Research Forum Best Project Proposal Gold medal (1 out of 500 entries)