

# Adithya Venkatesh

## EXPERIENCE

Amazon Web Services | SEATTLE, WA | SYDNEY, NSW |  
07/01/2019 - Current  
**Senior SDE | Developer Tools**

- Owned and launched a fully-managed cross-vertical test orchestration platform.
- Owned a load testing tool that ensures services can continue operating at Amazon's immense scale.
- Bootstrapped a new builder tools team in Australia delivering delightful integration and load testing tools to Amazon engineers.
- A major part of my job is guiding new engineers through the operational and UX challenges of owning a large scale distributed system used by other engineers.

Amazon Web Services | SEATTLE, WA | 07/13/15 - 06/31/19  
**SDE | 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.
- AWS CodeBuild pre launch team
- Promoted to SDE-2 on 2017-04-01

Cornell University | ITHACA, NY | Spring 2015  
**Master's Project | f13x - Cryptocurrency Exchange**

- Developed 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  
**Bachelor's Project | InMobi Deployment Platform**

- 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**

- Research and prototyped a 'CDMA Protocol in Multi-channel Multi-Radio Wireless Mesh Networks' with Prof Brigitte Jau-mard.

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

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Github  
Work Authorization

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Permanent Resident

## 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