

Mourya Meda

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EDUCATION:

Emory University

Bachelor of Science in Computer Science

Atlanta, Ga
2012-2016

Relevant Coursework: Data Mining, Artificial Intelligence, Theory of Computing, Systems Programming, Database Systems, Data Structures and Algorithms, and Computer Science Practicum

TECHNICAL EXPERIENCE:

Languages: Java, Groovy, Python, C, SQL

Tools & Frameworks: IntelliJ, Git, Gradle, Atom, Linux, JUnit, Jenkins, Jira, AWS Platform

WORK EXPERIENCE:

IBM Cloud Video

Software Engineer

Atlanta, GA
Jun 2016 - Present

- Practices Agile and Scrum in 2 week sprints with 4 other developers
- Works with Cucumber and Selenium WebDriver to enable BDD testing of IBM Cloud Video applications
- Extends automation framework for regression and end to end testing for APIs and our Cloud Video Solutions. Utilizes Gradle build system
- Designed and implemented a custom package generator framework, which extends to support multiple clients. Framework now generates custom .xml, .csv, and .json, which satisfy both the CableLabs ADI specifications and the clients' metadata
- Refactored and updated the codebase surrounding ingest tests for greater efficiency. Decreased the initial ingest setup from 5.593 seconds to 003ms, and reduced the number of accessory classes from 7 to 1

Emory University

Technology Assistant

Atlanta, GA
Jan 2015 - May 2016

- Managed and assisted with software applications, including iMovie, Adobe Premiere Pro, SMART technologies, Windows, and OSX.
- Assisted the university's clients in reserving classrooms and demonstrate the use of applications available.
- Ensured the hardware of both PCs and Macs are well maintained and debugged and troubleshooted any issues.

IBM Cloud Video

Automation Engineer Intern

Atlanta, GA
Summer 2015, Winter 2015

- Designed and created data models to hold the contents of the ClearFlow product which is used to automate numerous test cases for the QA team
- Issued and fixed bugs on Clearflow and ClearPlay products using Jira and helped maintain the automation builds that are run continuously and resolve any failures
- Winner of 2 CCA (Clear Choice Awards) for recognition of outstanding achievement and progress within the company

PROJECTS:

github.com/mouryam

WatchThis

React.js, Node.js REST API, AWS Lambda and API Gateway, DynamoDB, Cognito, S3, Cloudfront

- Built to learn serverless framework and React.js. It's a responsive React.js app that expands the functionality of TMDb Movie Search app. It uses the Serverless REST API I built which makes use of AWS Platform. Also utilizes DynamoDB for database and Cognito for user authentication and securing the APIs

Language Switch

Python, Watson API (Language Translator), IBM Bluemix

- Utilizes Watson's Language Translator API to translate a .srt file into one of the supported languages. Designed under Django framework and deployed in Bluemix

LEADERSHIP AND COMMUNITY ENGAGEMENT

HACKEmory

Hardware Lead

2012-2016

- Worked with a team to allocate up to \$12,000 from sponsors including Microsoft, Coca-Cola, Wolfram, Google, Twilio and many others for the Hackathons. Lead and supervised the two day Hackathon event with over 200 students from various backgrounds
- Partnered with Arduino microprocessors to build projects which involved manipulation of LED lights based on variables such as music and video
- Performed presentation on the basic architecture of a simple circuit and Arduino processor covering its more advance capabilities