

## ABOUT

I strive to make my work valuable and package my creativity, skills alongside strong work ethics and strategies. I love learning new things and proactively seeking new concepts and technologies.

## EDUCATION

### Masters of Science in Computer Science | 2020\*

GPA : 3.835\*

University at Buffalo

### Bachelor of Technology in CS & Eng. | 2014-2018

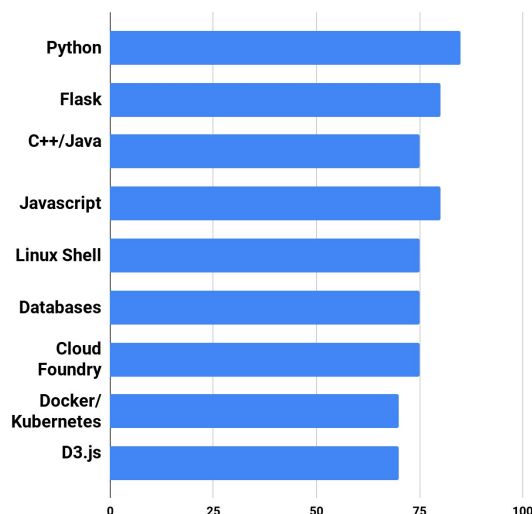
CGPA: 8.04

Amrita University, Coimbatore

## ACTIVITIES

- IBM Internal Business Hackathon Winner 2018.
- Part of Volunteering Team for - Kovai Kulangal Pathugaapu (Lake Revival in Coimbatore), IBM Volunteers (Technical training for spastic Kids).
- Participant in the Smart India Hackathon 2017 finals.
- Finalist at Titan hackathon 2016.
- Part of the 'Mission Zero Failure' team, educating and inspiring school Kids from middle-school level.

## SKILLS



**Languages:** C - Knowledgeable

**Framework/Tools:** Git, MongoDB, Jenkins, Selenium, OpenCV, ELK Stack, GraphQL, Python-Keras, NLTK, Snaps in Ubuntu, Postgres, Apache Spark.

**Concepts:** Operating Systems, Algorithms, Machine Learning, Data Analysis, Web technologies.

**Other Skills:** Video Editing, Designing. (GIMP/Inkscape)

## WORK EXPERIENCE

### DEVELOPER | IBM | JUN 2018 - JAN 2020

- Custom Chatbot using Watson SDK & Node.js.
- Built Python ETL Tool for data extraction: Python with Pandas & Numpy for data processing and job orchestration using Docker.
- D3.js Visualizations: Dashboards representing visualizations of Sales history of IBM global market channels using D3.js.

### INTERN | IBM | JAN – JUN 2018

- Custom JavaScript API: Data caching, API for accessing report elements, interactivity for automated test suites.
- Java based Automated Test suite for Cognos BI dashboards: BI Regressive Test cases & Data validation orchestrated using Jenkins & Docker.

### SUMMER INTERN | GLOSYS Tech | JUNE 2016

- CMS Platform: Employee Benefits tracker using Django, MongoDB.

## PROJECTS

### Fin-CHAIN.Z |

- Prototype to track IBM India Invoices from bid stage to processed stage using blockchain.
- Real-Time Tracking and immediate alerts to clients.
- Built using Hyperledger Fabric, Node.js, Flask, MongoDB.

### BREILLITY (BRAILLE REALITY) |

- Prototype that identifies objects and gives virtual, audio results.
- Embedded solution built on Raspberry Pi using Python, OpenCV.
- *Hardware design only 3D rendered.*

### HAWKEYE |

- Aero-Surveillance – foreground extraction of image and identify objects using Machine Learning.
- Embedded Machine Learning solution with pre-trained model VGG16; stack built using Python-Keras, Flask, Raspberry Pi and OpenCV.