

Adithya Bandi

adithyb1@umbc.edu | 5003 Maiden Choice, Arbutus, MD, 21227 | (609) 529-9789

Linkedin: <https://www.linkedin.com/in/adithya-bandi-594b3b4b/> | **Github:** <https://github.com/adithya-b>

EDUCATION:

Master of Science, Computer Science

University of Maryland Baltimore County (UMBC)

Dec 2019

GPA: 4.0/4.0

Bachelor of Technology, Computer Science and Engineering

National Institute of Technology, Warangal, India (NITW)

April 2014

GPA: 7.12/10

Higher Secondary Examination

April 2010

Percentage: 95.5%

Skills:

Programming Languages: Java, Python, SQL, C++, R, OpenGL

Software: AWS EC2, S3, Cloudfront, Lambda

ScikitLearn, Tensorflow, Numpy, Pandas, Matplotlib, GGPlot

Spark, Hive

Azure HDInsight

Github, Kafka, Tomcat, Etc, Confd, Monit

WORK EXPERIENCE:

Software Engineer (Research & Development) – Amagi Media Labs, Bangalore, India

Jan 2016 – Jan 2018

- Worked on a product called Thunderstorm, which monetizes live streams from early stage.
- Have predominantly worked using AWS EC2,S3,Lambda and Cloudfront for the product deployment.
- Developed a component named Thunderstorm-server which is a Rest service and uses monit,etcd and confd in parallel to deploy/scale product based on the number of end users.
- Authored Graphics component of the Product using open GL and CUDA which is responsible for overlay of graphics on video frame and also L-band overlay.
- Worked on providing one of the core components(Serve-on-Fly), a highly parallel and distributed real time system which makes the product stand out from the crowd. Due to same, helped in acquiring one of the biggest clients in OTT industry.
- Authored two components, both have server-less architecture which scale dynamically seamlessly and are most cost-efficient components of the product.
- Worked on revamping of one the core features (Ad Detection), a patented feature of the Company.
- Mentored juniors and was responsible for distribution of work and review of the same.
- Been a candid person in technical discussions and made sure any inconsistency or advice is conveyed in most logical manner without any hesitation.

Member of Technical Staff – Oracle India Pvt. Ltd, Bangalore, India

June 2014 – Jan 2016

- Briefly worked on Business Intelligence Cloud Service(BICS) and earlier used to perform bug fixing and enhancements in Business Intelligence Publisher tool.
- Nominated from my team for BICS related work due to enthusiasm shown in learning new technologies; have created a few chef cookbooks for deployment automation.
- Been successful in Customer interaction and retained them through timely resolution.
- Resolved complex issues encountered in Product components integration area.

PROJECTS:

Baltimore City Service Requests Prediction:

- Worked with Baltimore City officials to construct time series models for predicting the number of service requests per month for top 10 service requests for a variety of departments.
- Implemented Sequence to Sequence Recurrent neural network models with minimal error rates.

Negative Samples Extraction:

- As a part of research am currently working on a novel approach to extract negative instances from positive/unlabeled data in Grounded Language Acquisition Domain to increase the efficiency of downstream classification tasks.
- Have submitted a paper to Association for Artificial Intelligence Conference - 2019 and is currently under review.