

# ADITYA BHAMIDIPATI

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## EDUCATION

### GEORGIA STATE UNIVERSITY – Atlanta, GA

August 2019 – December 2020

Master of Science in Computer Science; GPA: 3.94

### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY – Hyderabad, India

August 2013 – June 2017

Bachelor of Technology in Computer Science; GPA: 3.7 (84.3/100)

## SKILLS

**Languages:** Python, Java, JavaScript, PHP, HTML, CSS, C++, Golang, SQL, Bash, LaTeX

**Technologies:** React, NodeJS, Android, Linux, GCP, AWS, Azure, Nginx, Odoo, Flask, REST, GraphQL, Git, CICD, NoSQL, MongoDB, Jenkins, Selenium, TestNG, Apache Spark, Spring MVC

## EXPERIENCE

### GEORGIA STATE UNIVERSITY – Atlanta, GA

Graduate Research Assistant – Web Developer

September 2019 – December 2020

- Managed, developed, and advised a team of 5 to build an interactive platform for 5000+ students and mentors for distance learning during COVID. *React, Node, Express, Heroku, MongoDB*
- Improved performance of an Online Graduate Management System of GSU by 48% using asynchronous HTTP request/ response strategy with 2000+ users saving 250+ hours of manual work every month

### KONY INDIA PVT. LTD – Hyderabad, India

Software Development Engineer, Associate Engineer

March 2017 – July 2019

- Influenced efficiency of Kony DBX Retail Banking by 25% with secure and robust web APIs in Java to perform CRUD on database models for Kony Cloud, thereby increased user adoption by 27%
- Optimized identity scanning and facial recognition services of camera API by 39% through business adapters on camera API for iOS/ Android applications of Kony DBX Mobile Banking
- Enhanced customer experience 5x by implementing push notifications, Remote deposit, and revamped frontend of 6+ Modules bridged gap between Mobile and Online Banking
- Won “Individual Excellence” for developing CI/ CD pipelines using Jenkins and created a 100% automated test suite saved 1000+ hours of effort in building, testing, and deploying
- Mentored 5+ interns shared ideas to understand agile practices, QA life cycle, and Git

### EI SYSTEMS JNTUH – Hyderabad, India

Android Trainee

May 2016 – July 2016

- Mentored for 300+ hours by industry professionals on Android MVC architecture. Developed 15+Android apps as a part of course completion milestone.

## PROJECTS

**COVICURE:** Coordinated a hospital management system to fight hospital bed space crisis during COVID.

Winner at Hack GSU '20 and Shellhacks '20. *Android, Node, Microsoft Azure, Cognitive Services, Kaggle*

**GPU PAGE RANK EVALUATION:** Achieved 58% better accuracy, with parallel page rank algorithm on a google web data set of 0.8M vertices and 5.1M edges, compared to a sequential algorithm. *CUDA, C++*

**BUNGEE:** Mobile app to find the most suitable living location based on accessibility of users' frequented timelines. Organized project from scratch. Winner at HackGSU '19. *Android, Java, SQLite3, REST services*

**SAFEST PATHS THROUGH COVID REGIONS:** Algorithm for the safest path between COVID-affected regions in Georgia with 150+ counties with an on-line/offline strategy data contributed by John Hopkins University.

*Python, Kaggle, Jupyter, Tableau*

**MODELLING AND SIMULATION OF SELF DRIVEN CARS:** Analyzed trends of how pedestrian and obstacle interference affects control units of self-driven cars using Devs-based simulation. *Devs Java SE, AWT*

**IMDB – MOVIE REVIEWS:** Hybrid mobile application (iOS/Android) featuring real-time movie review information of 10000+ titles, presenting user with review information. *Ionic, Cordova, REST services*