

# Aditya Bhamidipati

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## EDUCATION

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- **Georgia State University** Atlanta, GA  
*Master of Science in Computer Science; GPA: 3.89* Aug. 2019 - Dec. 2020
- **Mahatma Gandhi Institute of Technology** Hyderabad, IN-TG  
*Bachelor of Technology in Computer Science; GPA: 3.7 (84.3/100)* Aug. 2013 - July. 2017

## EXPERIENCE

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- **Georgia State University** Atlanta, GA  
*Graduate Research & Teaching Assistant* Sept. 2019 - Present
  - **Research:** Developed a web application consisting of 10+ modules for Online Graduate Management System of GSU for student, faculty and staff routes under instruction of Director of Graduate Studies.
  - **Teaching:** Instructed 3 Data Structures laboratory sessions of 40+ students each and worked as chief grader, managed 5 other TAs.
- **Kony India Pvt. Ltd.** Hyderabad, IN-TG  
*Software Development Engineer, Associate Engineer* Mar. 2017 - July 2019
  - Improved Sync and Connection manager services by 25% and implemented 2+ secure and robust Rest API's to perform CRUD on database models for Mobile Fabric.
  - Optimized identity scanning and Facial Recognition services by 39% through business adapters, Jumio and Gemalto, on camera API for Kony Mobile Banking application.
  - Experienced working with clients TDECU, EHS, FSCU etc., in developing Responsive iOS/Android and desktop apps on 5+ modules in Kony Digital Banking Suite.
  - Received "Pat on the back" award for integrating AWS S3 with Mobile Fabric, enabling cloud storage model.

## PROJECTS

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- **VTrain - Online Learning**  
*React, Express, Firebase* Dec. 2019 - Present
  - An online learning application implementing "Pay as you learn" strategy between users and mentors with payment integration stripe (cards, alipay and bitcoin).
- **Safest Paths through Corona regions**  
*Python, Tableau, Kaggle* Feb. 2020 - Apr. 2020
  - An algorithm for safest path between COVID-19 affected regions in Georgia with 150+ counties with on-line/offline strategy from data contributed by John Hopkins university.
- **HackGSU - Bungee**  
*Android, REST services* HackGSU Fall '19
  - A mobile app finding most suitable living location based on accessibility of users frequented timelines.
  - Presented and Won at HackGSU '19 for NCR Corp(using NCR services, analysing 1000+ bank transactions).
- **College Management System**  
*PHP, JS, JQuery, HTML5, CSS3, MySQL* Feb. 2016 - Aug. 2016
  - A Web application used by 1000+ students and 200+ faculty/staff of college to access academic standings, assignment submissions, generate paychecks, class registration and much more.
  - Recognised by chairman, deployed at college server and been in use since Fall '16

## SKILLS

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- **Languages:** Python, PHP, Java, Javascript, C++, SQL, Shell, LaTeX
- **Technologies:** React, Android, Firebase, Flask, Spring, Ionic, AWS, Heroku, Apache Spark, Hadoop, Azure