

Aditya Bhamidipati

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EDUCATION

- **Georgia State University** Atlanta, GA
Master of Science in Computer Science; GPA: 3.94 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

- **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 through CI/CD.
 - Optimized identity scanning and Facial Recognition services by 39% through service oriented solutions using business adapters, Jumio and Gemalto, on camera API for Kony Mobile Banking application.
 - Experienced working with clients TDECU, EHS, FSCU etc., following Agile environment, 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

- **VTrain - Online Learning**
React, Express, Firebase Dec. 2019 - Present
 - A Business Solution/ online learning application implementing "Pay as you learn" strategy between users/ mentors with payment integration stripe (cards, alipay and bitcoin) targeted for distant learning during COVID-19.
- **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 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

- **Languages:** Python, PHP, Java/ J2EE, Javascript, SQL, MySQL, SQL Server, C++, C# .NET, Shell, Bash
- **Technologies:** React, Express, Android, Firebase, Flask, Spring MVC, Ionic, AWS S3, Heroku, Apache Spark, Hadoop, XML, Microsoft Azure, JDBC, JSON, RESTful Microservices, Git, Stash, JIRA