

Aditya Nalluri

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Education:

University of Florida, Gainesville, FL, USA

Aug 2017 – Present

Master of Science, Computer Science

Birla Institute of Technology and Science, Pilani, India

Aug 2011 – Jun 2015

M.Sc. (Tech) Information Systems

CGPA: 3.4/4 (WES)

Relevant Coursework (Grad and Undergrad): Analysis of Algorithms, Advanced Data Structures, Software Engineering, Object Oriented Programming, Data Mining, Artificial Intelligence, Computer Networks, Database Management Systems, Operating Systems.

Technical skills:

Programming & Scripting Languages

- Java, Python, C, Javascript, Android, HTML, CSS, Bash

Databases

- MySQL, MongoDB

Frameworks

- Spring MVC, Django

Others

- RESTful, TDD, Agile, Scrum, Linux, Git, SVN, AWS

Professional Experience:

R&D Engineer, Trupik, Hyderabad, India

Aug 2016 – May 2017

- > Built **RESTful** APIs and web templates in **Python Django** framework
- > Developed the Trupik Wallet, SoFia personal assistant chat as a **full stack Android** developer and **product owner**
- > Optimized API performances six fold on average using **Redis** cache
- > Had complete understanding of architecture built on Amazon **AWS**, Django, Celery and RabbitMQ
- > Worked in a fast paced **startup** environment with flexible roles and weekly releases

Software Engineer, Barclays, Pune, India

July 2015 – Aug 2016

- > Member of the Customer Website team, BarclaycardUS
- > Worked on setting up responsive Barclaycard partner microsite for JetBlue using **Bootstrap, Sass**
- > Designed and developed Loyalty Edge rewards pages for CashBack and PYB using **Spring, Java, Javascript and MVC architecture**
- > Practiced **Agile** methodologies (Pair Programming, Peer Code Reviews and **TDD** using **Junit**)
- > Worked in continuous integration, build and deployment using **GoCD, Jenkins and GIT**

Teaching Assistant, BITS Pilani

Jan 2015 – May 2015

- > Assisted in evaluating and conducting Computer Programming lab exams and practicals in **C**

Hacks/Projects:

BarclaycardUS, AI Chatbot

June 2016

- > Developed an AI chatbot as a part of Barclaycard Hackathon
- > The bot is aimed at assisting in choosing a credit card and performing operations on the customer website
- > <https://github.com/leero-ady/chatbot>

Thoughtworks, IOTHackathon

July 2016

- > Researched and designed solutions for transportation in Pune, India using IOT
- > Implemented Ant colony optimization for Traffic dispersion routing, smart parking
- > <https://github.com/leero-ady/IOTHackathon>

Academic Experience:

Unsupervised Extreme Learning Machines

Aug 2014 – Dec 2014

- > Designed and developed a novice clustering algorithm called ML-US ELM using Unsupervised Extreme Learning Machine(ELM) to improve clustering algorithms using MATLAB as a part of **Undergraduate Thesis**

File Manager for Windows

Mar 2013

- > Developed an advanced file management software which searches and copies the required files in a given directory into the specified destination folder using Visual Studio and C#

Bank Application

Sep 2012 – Nov 2012

- > Developed an interactive GUI for maintaining a bank account using **Java** and Eclipse IDE using **OOPs** concepts