Aditya Nalluri

#214C, 3415 SW 39 Blvd, Gainesville, FL 32608 || +1-352-484-2576 || adityanalluri@ufl.edu || github.com/leero-ady ||linkedin.com/in/aditya-nalluri-a1278262

Education:

University of Florida, Gainesville, FL, USA **Aug 2017 – May 2019**
Masters, Computer Science **GPA:** 3.5/4
Birla Institute of Technology and Science, Pilani, India **Aug 2011 – Jun 2015**
Bachelors, Information Systems **GPA:** 3.4/4
Relevant Coursework: Analysis of Algorithms, Advanced Data Structures, Object Oriented Programming, Data Mining, Big Data Ecosystems, Computer Networks, Database Management Systems, Operating Systems.

Technical skills:

Programming and Scripting	- Java, Python, PHP, C, Javascript, C#, C++, Bash
Databases	- MySQL, SQL, Cassandra
Frameworks	- Spring MVC, Django, Android
Others	- REST API, TDD, Agile Development, Unix, Git, Redis, SVN, AWS, Docker, HTML, CSS, Memcached

Professional Experience:

Programmer, Prisma P Lab, University of Florida **Feb 2018 - Present**
- Worked on the Full Stack of the Idealist platform used by surgeons, using **Java** with Jersey framework and **PHP**
- Optimized cassandra queries in the REST API to make the website 10 times faster
- Developed the caching architecture using **memcached**
- The website showcases a patient risk predictor built using machine learning

R&D Engineer, Trupik Inc **Aug 2016 - July 2017**
- Built **REST** 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**
- Used **Redis** cache in the REST APIs to improve the performance 6 fold
- 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 **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 reviews and test-driven development 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

Selected Academic Projects:

Product Recommendation System: **Jan 2018 - Apr 2018**
- Developed a product recommendation system based on customers purchase history using **deep Learning**

Stock Market Analyser: **June 2018**
- Developed RESTful APIs of a stock market analyser using **Java**, **oracle** SQL

Unsupervised Extreme Learning Machines **Aug 2014 – Dec 2014**
- Designed and developed a novice clustering algorithm unsupervised extreme learning Machine to improve clustering algorithms using MATLAB as a part of **Undergraduate Thesis**

File Manager for Windows **Mar 2013**
- Developed an advanced file management software using Visual studio and C#

Hackathons:

BarclaycardUS, AI Chatbot **June 2016**
- Developed an AI chatbot aimed at assisting in choosing a credit card and performing operations on the customer website

Thoughtworks, IOT Hackathon **July 2016**
- Designed solutions for transportation and smart parking using ant colony optimization in Pune, India using IOT