ANKIT KHANNA

ankit.khanna@mavs.uta.edu | +1 (682) 283-8478 | Arlington, Texas | https://ankitkhanna993.github.io/

EDUCATION

University of Texas at Arlington, Texas, USA.   Aug 2019 – (Expected) May 2021
Master of Science in Computer Science   **GPA: 3.87**

Dr. APJ Abdul Kalam Technical University (Formerly UPTU), Gr. Noida, India.   Aug 2012 – May 2016
Bachelor of Technology in Computer Science & Engineering   **GPA: 3.7**

SKILLS

Languages and Frameworks: Python, JavaScript, Vue JS, HTML, CSS, Django, Apache Solr
Cloud Platforms and Applications: AWS, Azure, GCP, EC2, S3, CloudWatch, VPC, Route53, Git
DevOps: Ansible, Terraform, Jenkins, Zabbix, Datadog, AWS CLI, Azure CLI, Selenium
Databases: MySQL, MongoDB

PROFESSIONAL EXPERIENCE

SearchStax, Inc. (June 2020 - August 2020)   **Software Engineer Intern**
- Developed a JS plugin library integrated with a Vue JS App that will extend to the existing Search Analytics product. The library will allow any client with a basic html file to enable Search on their website by providing them with a Search Box and some out of the box features like Facet Filtering, Pagination, Sorting results, etc. The project was developed using Vue JS, HTML, CSS, and JavaScript.
- Python codebase upgrade from 2.7 to 3.5 and Django application development.

SearchStax, Inc. (July 2018 - June 2019)   **Software Engineer**
- Developed APIs and webhooks for integration of cloud platforms.
- Design, implement and secure cloud IaaS, PaaS and higher services in AWS and Azure.
- Implemented practices like Incident Management, RCAs, SOPs.
- Building automation scripts using Ansible and Terraform.

SearchStax, Inc. (June 2017 – June 2018)   **Associate Software Engineer**
- Getting familiarised on cloud infrastructure like AWS and Azure. Comprehend private virtual cloud deployments, managed/custom stacks.
- Handled System Administration tasks for teams like setting up MFA for users, writing bash scripts for auto-rotating passwords and keys on internal infrastructure servers.

National Informatics Centre (Jan 2016 – June 2016)   **Software Engineering Intern**
- Developed a ubiquitous platform for a social networking site using MongoDB and Neo4j to build a recommender engine as per users' connections and a UI built using jQuery.

PROJECTS

- **NLP – Sentimental Analysis of Phrases/Reviews** (Python, Naïve Bayes, Support Vector Machines and CNN) Working on a machine learning project to analyze movie reviews data set and create a model that will learn to predict whether the review/phrase is positive, negative or neutral.
- **Simulation of TCP:** Project in **Python** to build up an ad-hoc TCP network and functionalities like packet transmission.
- **Car Rental DBMS:** Project in **MySQL** and **PHP** to develop and manage car rentals and customer data for a car rental company throughout their locations in Texas.
- **Data Lake for Socio Knowledge Platforms:** A ubiquitous platform built using **Neo4j, MongoDB, jQuery, HTML, CSS** that serves capabilities of searching and recommendations new connections.

EXTRA-CURRICULARS

- Currently working as a Student Assistant at Office of Information Technology (OIT)