ANKIT KHANNA

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EDUCATION

University of Texas at Arlington, Texas   August 2019 – May 2021
Master of Science in Computer Science   **GPA: 3.7**

Dr. A.P.J. Abdul Kalam Technical University, India   August 2012 – May 2016
Bachelor of Technology in Computer Science   **GPA: 3.7**

WORK EXPERIENCE

Software Engineer Intern, SearchStax, Inc.   June 2020 - August 2020, Texas
- Developed a JavaScript plugin library integrated with a Vue JS app that will extend to the existing search analytics product to enhance search capabilities.
- Part of the Python, Django codebase upgrade from **2.7 to 3.5**

Software Engineer, SearchStax, Inc.   July 2018 - June 2019, India
- Developed automation scripts for configuration management on cloud using Ansible and Terraform
- Developed audit scripts for virtual machines that helped cutting infrastructure costs by **~$30K** annually
- Built and maintained replica set for **> 1TB** MongoDB dataset with customers data collections
- Implemented customer support practices like Incident Management, Root Cause Analysis, Standard Operating Procedures using Zendesk, PagerDuty and Confluence

Associate Software Engineer, SearchStax, Inc.   June 2017 - June 2018, India
- Getting familiarised on cloud infrastructure AWS, Azure and comprehend infrastructure architecture, private virtual cloud deployments, managed/custom stacks
- Built disk clean up scripts to execute on customers virtual machines to remove dated files and libraries which helped reduce additional storage cost by **~5%**
- Handled system administration tasks for teams and worked on independent tasks developing Selenium tests for regression testing.

PROJECTS (more on my portfolio)

- Immigrants Portal: (JavaScript, PHP, MySQL)
  Web application tailored for immigrants and visitors to share tips, contributions, and chat with other users.
- Car Rental DBMS: (PHP, MySQL)
  Manage car rentals and customer data for a car rental company throughout their locations in Texas. A user interface that allows users to query the database for records.
- Content Scanner: (Python)
  A scrapper made to scrape data off any website and check it against a profanity list to verify site content before it goes live.
- NLP – Sentimental Analysis of Phrases/Reviews: (Python, Naïve Bayes)
  Analyze movie reviews data set to create a model that will learn to predict whether the input review/phrase is positive or negative

SKILLS

Languages and Frameworks: Python, JavaScript (JS), Vue JS, Django
Cloud Technologies: AWS EC2, AWS S3, AWS VPC, AWS Route53, Azure Compute, Azure Application Gateway, Azure Blob, Ansible, Terraform, Docker, Jenkins, Zabbix, Datadog, Selenium
Databases: MySQL, MongoDB
Others: Linux Administration, Git