# *Ankit Khanna*
(Software Developer)

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

## *Work 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.

## *Education:*
- Master of Science in Computer Science from University of Texas, Arlington (Aug 2019 - May 2021)
- Bachelor of Technology in Computer Science and Engineering from Uttar Pradesh Technical University (2012 - 2016)

## *Projects:*
- **Simulation of TCP:** Project in **Python** to bring up an ad-hoc TCP network and functionalities.
- **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.