

# RAHUL TEVATIA

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## EDUCATION

### Master of Science in Computer Science.

The University of Texas at Arlington, Texas.

Aug 2019 - Exp. May 2021

**GPA: 3.9/4.0**

### Bachelor of Technology in Computer Science & Engineering.

Dr. APJ Abdul Kalam Technical University, India.

Aug 2010 - May 2014

**GPA: 3.5**

## KEY TECHNICAL SKILLS

- **Python, C#, .Net core, React Native**, Angular, Node.js, JavaScript, HTML5, CSS3, PL/SQL, Python ML libraries (Keras, Tensorflow, TensorRT, numpy, pandas, Matplotlib).
- **Machine Learning Algorithms** (kNN, Naïve Bayes, Random Forest, SVM, SVR, Decision trees, linear and polynomial regression, logistic regression), ML Techniques (NLP, Regression, Classification, Neural Networks).
- Oracle Database, **MySQL**, SQL Server management studio, **NoSQL**(Aerospike, MongoDB), Hadoop map/reduce, **AWS** EBS, EC2, IBM Cloud, Azure, Redis Cache, Splunk, Confluence, Visual Studio, PyCharm, JIRA, **Git** (Bitbucket, Github).

## PROJECTS

- **NLP - Sentiment analysis of phrases/reviews (Machine learning**, Naive Bayes, Support Vector Machines, and kNN). Built and Implemented a machine learning project to analyze the movie reviews data set and create a model that will learn to tell whether the review is positive, negative or neutral.
- **Implemented Neural Network Models (Neural Network, pandas, numpy, Tensorflow, Keras)**. Implemented various neural network models and trained them to perform classification and regression. Built single layer, multi-layer, sequential Convolutional Networks.
- **MiABC - Mobile app for Hispanic children to learn English (React Native pure, Firebase)**. Available on iOS. Developed an educational mobile app for Hispanic children to help them in learning English. App has various modules like reading, alphabets, numbers, speaking, family etc.
- **Apolita - Educational mobile app for community managers (React Native, Express - node.js, Expo CLI)**. Developed an educational mobile app for community and social media managers to help them in learning the skills required to pursue the profession. App provides wide range of video courses.
- **OmniSearchAPP - (Python, Pandas, Matplotlib, Tkinter, and SQL Server Management Studio)** Built the Client and Transaction Details lookup tool to fetch client details and provides the summarized transaction activities with data visualization.
- **Restful API service on Amazon web service (Python, Flask, SQL, AWS Elastic Bean Stalk, EC2, RDS, Redis caching)**  
Built a Restful API to query details about the earthquakes from database for CRUD operations.

## EXPERIENCE

### CHARLES SCHWAB

Westlake, Texas | June 2020 - Aug 2020

#### Technology Intern (Software Development & Engineering)

- Worked on developing distributed windows service to process around **80% of Schwab trade** requests coming from specific channel.
- Built core application APIs to fetch data from various data stores like **Aerospike, Splunk** and DB2 and to feed data to channel partner applications.

### TAKAUD SAVINGS AND PENSIONS B.S.C.

Manama, Bahrain | Sep 2017 - July 2019

#### Software Developer

- Reduced manual overhead of operations and customer experience team by 60% by developing various applications that provides various insights about the customer transactions.
- Built and integrated various applications to automate many financial operations related to exchange rates, getting prices from Bloomberg, trading cycle, performing trade validation and placing trades to broker.
- Worked on building mobile application to support clients in processing transactions, check portfolio and check trades etc.

## ACHIEVEMENTS AND EXTRA-CURRICULARS

- Currently working as Technical lead at Google Developer Student Clubs (DSC) UTA.
- Student Government Senator - COE at UTA, Residence hall council Vice President and a member of The Big Event Planning Committee at UTA.
- Received Texas Public Educational grant (TPEG) based on higher academic performance and engagement at UTA.
- Received various organizational awards like “Pat on the Back”, “Star Rookie of the Month” at Cognizant.
- “Project of the Year – Clustered” Award in 2015 by TIAA, USA through Cognizant.