Fareed Mohammed

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EDUCATION

New York University, Brooklyn, NY   **May 2020**

Master of Science, Computer Science

Relevant Coursework: Algorithms, Cloud Computing, AI, Computer Vision, Databases, Big Data

Osmania University, Hyderabad, India   **May 2018**

Bachelor of Engineering, Computer Science

Relevant Coursework: Web Development, Computer Network, Data Mining

TECHNICAL SKILLS

Programming Languages: Python, Javascript, C, C++, Java, PHP, SQL

Web Development : Php, AngularJS , ReactJS, NodeJS , AJAX , Bootstrap, JQuery ,HTML , CSS, SASS

Technologies & Tools: Hadoop, Apache Spark, Docker, Git, AWS Cloud, MongoDB, MySQL, Oracle Database

EXPERIENCE

Front-End Developer, *XtreamIT***,** Hyderabad, India   **Nov 2017 - Jan 2018**

- Revamped UI for 12 customer-facing sites with an average of 50,000+ unique visitors per month in Agile work environment
- Visualised large datasets for analysis that allows gaining deeper insights using seaborn
- Translated design team's UX wireframes into interactive features, using HTML/CSS and AngularJS

Back-End Developer, *BotHook***,** Hyderabad, India   **July 2016 - Jan 2017**

- Developed and integrated a cryptocurrency trading platform on an enterprise-level chatbot
- Develop highly interactive web applications utilising JavaScript, HTML5, CSS, JSON, ReactJS, MongoDB and integrating Restful API's, external web services ensuring high performance on Mobile and Desktop
- Debug, and refactor existing applications and software modules as required

PROJECTS

Dining Concierge Chatbot(*Java, AWS Cognito, Lambda, Lex*)   **Fall 2019**

- Implemented server-less micro-services driven application which gives restaurant suggestions
- Deployed webpages on AWS S3 bucket and leveraged REST service Interface, API Gateway with Swagger, DynamoDB, Lambda, Elastic Search to develop all endpoints for high scalability and reliability
- Used Congnito to authorise users, built the chatbot using Lex, and used SQS service for better computation
- Scraped Data from Yelp API for 7,000 restaurants in Manhattan for recommendations of restaurants

Risk and Return Analysis on Stocks (*Python , NLP*)   **Fall 2019**

- Computed the sharpie ratio on various stocks with S&B 500 as the benchmark using pandas to evaluate the risk and returns of different investments
- Analysing the top companies with highest ratio and performing Sentiment Analysis using VADER to get the insight on potential investment

Snickr (*ReactJs, GraphQL, PostgresSQL*)   **Spring 2019**

- Developed a feature-rich Slack clone using ReactJs and GraphQL with PostgresSQL
- Integrated features such as adding members to channel or workspace, adding channels to workspaces
- Communication through channels, adding and deleting channel

Drone Attack Prediction(*Python*)   **Fall 2018**

- Developed a Time series model for analysis and predictions of drone strikes using Python Sci-Kit learn
- Clustered the news clippings on each strike, performed sentiment classification to obtain key information like motivation behind the strike or the intended target
- Implemented Stationary techniques on the time series model which helped in increasing the accuracy of prediction and achieving an excellent value of 8.86 and 2.022 as the Mean Absolute Error and Mean Forecast Error respectively