

ADITYA JAIN

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EDUCATION

New York University Tandon School of Engineering

Sept 2018-May 2020

Master of Science: Computer Science

VIT University, Vellore, IN

July 2013-May 2017

Bachelor of Technology: Computer Science and Engineering, CGPA: 8.46/10

EXPERIENCE

Nokia Networks, Graduate Engineer Trainee, NOKIA Software NetAct Stream

July 2017-July 2018

- Developed and deployed scripts and adaptors for Fault, Performance Management using Java, XML, Shell Scripting.
- Worked as a SharePoint developer for developing web-based business applications for Services BU.
- Visualized data and scheduled automated refresh of reports, used natural language queries; created and shared real-time dashboards using Rest API based on reports in Microsoft Power BI desktop and Excel.

Nokia Networks, Technical Intern

Jan 2017-June 2017

- Proposed and implemented an algorithm to detect Black hole/ Gray hole attack in a Mobile Ad-hoc Network (MANET).

IBM, SDE Intern, Worklight Team

June 2015-July 2015

- Worked on a new Road User Charging (RUC) system to be deployed for the Government of Norway.
- Developed a self-service interface to be provided to the end users (citizens) which is accessible via standard browser or Mobile App. [HTML, CSS, JavaScript, PHP and deployed using Android SDK, IBM Worklight Plugin.]

SKILLS

Languages: C, C++, Python, SQL, Java, HTML, CSS, JavaScript, PHP

Software Tools/ Environments: Linux OS, Hadoop, Tableau, D3.js, Spark, Jenkins, Jira, Apache Subversion, Photoshop

Soft Skills: Team Leadership and Management, Client Interaction, Communication, Presentation and Classroom Teaching

PROJECTS

PredictorFinc – PySpark based Stock Predictor

Fall 2018

- Developed an application to predict change in stock price of S&P Companies based on company's previous 5 years' stock price using AlphaVantage API, Pyspark, Mlib, Matplotlib.

IoT-based Smart Vehicle Safety System (Publication: International Journal of Pharmacy & Technology)

Winter 2017

- Designed and built a prototype that deals with problems which cause accidents and ensures safety and security of the person present in the vehicle through various automated mechanisms (checks if the person is feeling sleepy, is either drunk, wearing a seat-belt and sends the location of accident to an authorized person) using the concept of IoT.

Twitter Sentiment Analysis

Fall 2016

- Developed an application which performs 3-class classification of tweet sentiment in Twitter and checks whether expressed opinion on the Twitter is positive, negative or neutral.

Statistical Analysis of Student Performance using R

Fall 2016

- Developed a Shiny app to give a statistical analysis of students' performance in their duration of the course and displayed the same using histograms.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- 5th Pillar VIT Student Chapter, **Design Head (Board Member)**

Feb 2014- May 2016

- INVICTUS'15 (An International Management & Business Summit), **Sponsorship Coordinator**

March 2015

- GraVITas'15 (VIT University's Technical Fest) **Committee Coordinator**

September 2015