

# NIRANJAN GANESAN

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Software Engineer with 3.5 years of experience in development, operations, testing and support to consumer applications. Supportive and enthusiastic team player passionate for finding technical solutions to customer problems using available resources and looking for challenging role to enhance the current skillset.

## EXPERIENCE

### IBM – SOFTWARE DEVELOPER (CONTR.)

FEB 2018 – AUG 2019

- Mainframe Application Programmer on UPS's Logistics web application, Requirements analysis, gathering research data, design, coding testing and release.
- Production Support, Batch monitoring, Change request implementation.
- Unit Testing, System integration testing, Regression testing and Acceptance testing on CICS web services.
- Software Development using Agile practices.
- Generate automation test scripts using Vugen and create performance test results using HP performance center.
- Handle huge volumes of customer data on relational database management systems.
- Guiding and teaching junior colleagues on new projects.

### CAPGEMINI – SENIOR SOFTWARE ENGINEER

OCT 2015 – SEP 2017

- Mainframe Application Programmer on Synchrony's Credit Application – Software Development, Requirement analysis, gathering research data, design, coding, testing and release.
- Batch monitoring, Production support, Automation and system maintenance.
- Ad-hoc report generation and preparation of daily, weekly and monthly reports.
- Software upgrade support on Mainframe servers.
- Software development using waterfall method.
- Technical support to software upgrades on mainframe servers.
- Automation of daily tasks that reduces manual effort.

## EDUCATION

### MSc BIG DATA SCIENCE - QUEEN MARY UNIVERSITY OF LONDON

2019 – 2020

**Relevant Modules** – Data Mining, Applied Statistics, Big Data Processing, Machine Learning, Cloud Computing, Deep Learning and Computer Vision, Data Analytics, Machine Learning for Visual Data Analysis.

### BEng ELECTRONICS AND COMMUNICATION ENGINEERING (1<sup>st</sup> Equivalent) - ANNA UNIVERSITY, INDIA

2011 – 2015

**Relevant Modules** - Computer Networks, Digital Signal Processing, Wireless Networks, Digital Electronics, Wireless communications, Signals and Systems. **CGPA – 7.27/10**

## TECHNICAL SKILLS

- Experience with Big data technologies such as Hadoop, HDFS command line tool and Spark.
- Software Development using Agile practices and waterfall method.
- Performing statistical analysis on collected data to identify critical trends and conditions.
- Data Analytics with proficient SQL language skill.
- Skilled communicator, able to influence across boundaries
- Providing hands-on analysis, programming, configuration, testing and implementation support to assigned systems and/or projects
- Immediate response to critical issues, fixing critical software issues with minimal or no business impact as soon as possible.
- Providing technical guidance and mentorship to less experienced employees.
- Data Analysis
- Data Visualization
- Machine Learning
- Python
- Java Script
- Pandas
- Hadoop
- SQL
- Spark
- Cloud Computing
- AWS
- Rest API
- Jupyter
- Data Science
- Spark RDD

## PROJECTS AND CERTIFICATIONS

- **Applied Data Science Capstone – New Cineplex in London, United Kingdom**

The objective of this project is to analyze and select the best locations in the city of London to open a new Cineplex. Using data science methodology and machine learning techniques like clustering, this project aims to provide solutions to answer the business question: In a multi-cultural city like London, if a property developer is looking to open a new Cineplex, where would you recommend, they open it?

Github Link - [https://github.com/niranjangesan/Coursera\\_Capstone](https://github.com/niranjangesan/Coursera_Capstone)

- **Big Data Analysis on Ethereum Blockchain**

The objective of this project is to analyze the big datasets of Ethereum Blockchain data and derive insights from it using Big Data tools such as Hadoop and Spark using HDFS architecture. Time Analysis – number of transactions every month, Top 10 most popular services, Exploratory Data Analysis on gas, scams and more.

Github Link - <https://github.com/niranjangesan/Big-Data>

- **IBM Certified Data Science Professional**

## OTHER ROLES OF RESPONSIBILITY

- Music, Theatre and Dance – Trained Professional dancer with numerous stage performances over the period of 8 years.
- Media and Technical skills – Audio and video editor for college promotional and cultural videos. Photo editor for College Newsletter.
- Leadership – Class representative for two consecutive years at my undergraduate university.
- Entrepreneurship – Sales and Marketing apprentice for an event management startup.
- Sports – Member of football committee at my undergraduate university.
- Volunteering – Member of Backstage organizing crew for various dance and arts performances.

## REFERENCES AVAILABLE ON REQUEST