**Indrajeet Javeri**

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**Education**

**University of Georgia,** Athens, GA, U.S.A **May 2021**

*Master of Science in Computer Science*  
Thesis & Research: Comparative analysis of statistical data modeling versus machine learning for time series forecasting.

Relevant Coursework: Algorithms, Database Management Systems, Data Science, Machine Learning, Advanced Data Analytics

GPA – 4.00/4.00

**Savitribai Phule Pune University (University of Pune),** Pune, India  **Aug 2016**

*Bachelor of Engineering in Electronics & Telecommunications*  
Relevant Coursework: Object-Oriented Programming, Data Structures, Real-Time Operating Systems, Computer Networks

Aggregate Percentage – 73.55%

**Technical Skills**

**Languages:** Python, Java, Scala, R, SQL, Excel VBA, HTML, CSS, Javacript (jQuery), PHP

**Frameworks:** Django, Flask, Play 2, Spring, Laravel, Selenium, Bootstrap, AngularJS

**Tools:** Infogix(Data reporting), Rally(CA Agile Central), Jupyter, VS Code, Git, Bitbucket, Google Cloud Platform

**Databases:** MySQL, PostgreSQL, Oracle

**Professional Experience**

**Larsen & Toubro Infotech (LTI), Pune, India Nov 2016 – Oct 2018***Software Engineer*

* Worked as a Software Engineer in Business Insurance domain.
* Major responsibilities included real-time monitoring, failure resolution of batch jobs and root cause analysis.
* Additional responsibilities included developing, maintaining & updating the software solutions.
* Gained understanding of software development life cycle practices such as regression testing and deployments.
* Worked with ETL and data transformations team to build newer features and fix defects in the data pipeline.
* Worked on data extraction batch jobs on Oracle RDBMS.
* Received client appreciation for creating an automation tool, using EXCEL VBA.
* Increased the efficiency of the team by around 80% & reduced the manual efforts by about 2-3 hours per week.

**Project Experience**

**DNS Forwarder & Traceroute applications, *Computer Networks course (Solo projects)* Oct 2020 – Nov 2020**

* Implemented these command line applications using low-level socket programming in Python.
* Provided user abstraction by using regular DNS and DNS-over-HTTPS techniques.
* Worked with raw sockets in Linux for sending, receiving, and filtering real-time packets on an Ubuntu server.

**Data Analysis and Modelling of Airbnb Housing, *Data Science course (Group project)* Mar 2020 - Apr 2020**

* Worked on analyzing & modeling Airbnb housing data to propose a price estimator solution for business.
* Applied data pre-processing, statistical analysis, and data visualization techniques to gain deeper insights.
* Modelled the data using statistical and machine learning models for comparative analysis.
* Formulated evidence-based conclusions and provided relevant recommendations for business growth.

**Food Ordering System, *Database Management course (Group project)* Oct 2019 - Nov 2019**

* Collaborated with 3 peers to design & architect a software solution for an online food ordering system.
* Contributed by designing the database by comparing schemas generated by BCNF, 3NF, and UML techniques.
* Implemented a web application on Java-based Play2 web application framework.
* Worked with JDBC API & MySQL to perform SQL queries & demonstrated data extraction knowledge.
* Implemented Front-End website using HTML and jQuery.

**Client Registration and Appointments System, *Freelance Project*  Nov 2018 - Jan 2019**

* Worked on creating a Django Web Application for client registration and appointment booking.
* Included features such as scheduling a meeting/appointment, maintaining meetings/appointments,
* Worked with MSG91 API and Django Core Mail feature for sending SMS and email to the user.

**Publications**

* Improving Neural Networks for Time Series Forecasting using Data Augmentation and AutoML  
  Submitted to 2021 IEEE Big Data Service conference