

## STUDENT SAMPLE

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### EDUCATION

#### UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

**Master of Science, Management Information Systems** (GPA: 3.67/4.00)

Jun. 2021

- Relevant Courses – Advanced Statistics, Introduction to Machine Learning, Predictive Analytics, Systems Analysis and Design, Management of IT Projects, Database Management Systems, Seminar in Health Information Systems

#### NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR

**Bachelor of Technology in Electrical and Electronics Engineering**, Graduated First Class with Distinction

Jul. 2015

### EXPERIENCE

#### IBM INDIA PRIVATE LIMITED

Bangalore, India

##### Technology Analyst

Mar. 2017–May 2020

- Built an ETL setup to integrate a global UK based bank's existing customer data into a newly developed system; which enhanced the customers' service experience
- Extracted and analyzed client's customer data to identify key metrics; developed business intelligence reports and dashboards in Tableau, driving effective business decisions involving two million customers
- Provided knowledge transition to new staff; prepared and conducted in-class training on project specific practices

#### IBM INDIA PRIVATE LIMITED

Bangalore, India

##### Application Developer

Aug. 2015–Mar. 2017

- Gained understanding of Waterfall and Agile methodology of software development life cycle (SDLC)
- Interacted directly with client SME's to gather and translate business requirements into technical and functional design documents; helping client and higher management develop efficient plan for timely execution
- Analyzed and optimized existing SQL queries, improving effectiveness by 20%
- Developed Python-based tools to automate data accuracy verification for a US based health care insurance client, which decreased the run time by 80% and reduced manual intervention
- Led cross-geography teams from Philippines and US; reviewed and ensured deliverables met quality standards
- Aided business analysis team in capturing business requirements via software reverse engineering; which included the analysis of client's business processes and functionalities

### ACADEMIC PROJECT EXPERIENCE

#### Opinion 2.0

Nov. 2020-present

- Designed comprehensive database system in Oracle after gathering requirements for a medical consultation app
- Created normalized tables from relational schema, obtained after translating requirements into ER diagrams
- Facilitated data extraction, data interpretation, and analysis using SQL queries and Tableau
- Generated reports and designed dashboards using Tableau

### SKILLS

**Statistics:** Regression Models (Linear, Multilinear, Logistic), Decision Tree, Hypothesis Testing

**Analytical Tools:** SAS Base, Tableau, MS Excel, MS PowerPoint, MS Visio

**Databases:** Oracle 11g, IBM DB2

**Languages:** Python (NumPy, Pandas, Seaborn, Scikit-learn), SQL, Java

### CERTIFICATIONS

**Python** for Data Science and Machine Learning Bootcamp – Udemy

Jan. 2021

**Tableau 10 A-Z:** Hands-On Tableau Training for Data Scientists – Udemy

Jan. 2021

**SAS Certified Base Programmer** for SAS 9

Dec. 2020

### AWARDS AND ACTIVITIES

Volunteer, **IBM KidSmart** program using technology to inspire young learners in Bangalore

2016-2018

Earned **IBM Manager's Choice Award** twice – for exceeding expectations and commitment to deliverables

2017