**Professional Experience (Total 74 Months)**

***Tata Consultancy Services (May 2019 – Present Date)***

Designation: Business Analyst

* Roles & Responsibilities –

**Role 2: Business Analyst-Data Science, BFSI (Canadian Bank)**

* End-to-end solutioning of Business Requirement from requirement gathering (functional & Non-Functional) stage to development and delivery stage in coordination with various teams/stakeholders.
* Experience in operating in Agile Framework with hands on experience in creating Epics, User Stories, Solution Roadmap and project management tools like **Jira**
* High level experience of Data Engineering Value chain - from loading Data from source to Datawarehouse (by **ETL framework**), cleaning and pre-processing, consumption for Analytics & Dashboarding by **BI Tools** (Tableau)
* Hands-on experience in Data Platforms and Handling large, Complex data sets to solve business problems, applying advanced statistical methods like Regression, Clustering, Decision Tree
* Presentation/articulation of delivered work to customers, collection of feedback and performing iterative improvement process.
* Designing performance evaluation matrices for process improvement

**Role 1: Strategy Research & Analysis, BFSI**

* Generating strategic insights from secondary research in Banking and Financial Service vertical
* Quantitative Research using Statistical, Mathematical Models
* Estimating and forecasting future IT spending using research databases like Gartner /Celent
* Preparing detailed research reports on specific customer requirements and presenting them to customers
* Generating insights from Marketing Analytics tools like Marketo, Demandbase,
* Developing tools to automate several repetitive activities (like data extraction, calculations) using VBA script and Python

***Cognizant Technology Solutions (October 2013 – May 2017)***

* Designation – Associate
* Roles & Responsibilities – Software Developer, BFSI
* Developing applications to connect Server-Side (back end) to Client-Side (Front End) and experienced in **Rest API**, **IBM Webservice**
* Handling Production Support, detecting and swiftly resolving issues which threatened smooth functioning of IT operations
* Handled RDBMS Databases – MySQL, IBM DB2
* Writing optimized code (optimized in terms of Time & Space Complexity) in Pl1, Java



**SOUMYADEEP DAS**

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**Current-Organization:** Tata Consultancy Services

**Previous-Organization:** Cognizant Technology Solutions

**Educational Background:** BE, Jadavpur University 2009 -2013

MBA, Xavier Institution of Management, (Major Finance, Marketing; Minor Systems, Operations) – 2017- 2019

**Internship Experience**

***United Bank of India (April – 2018)***

**Role - Risk Management & Financial Modelling**

* Preparing Credit Risk Model for Retail Banking users using Statistical Techniques
* Performed Sensitivity Analysis, Scenario Analysis on Liquidity under various factors
* Computing Probability of Default, Loss given Default, Exposure at Default from the data provided
* Developing Credit Risk Model using Statistical Tools

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| **Education Background** | | |
| MBA(Marketing & Finance) | Xavier Institute of Management, Bhubaneshwar (**2017-19)** | 67 % |
| BE (Construction Engineering) | Jadavpur University, Kolkata (**2009-13)** | 7.77/10 |
| XII (West Bengal Council of Higher Secondary Education) | South Point High School, Kolkata | 82.14 % |
| X (West Bengal Board of Secondary Education) | South Point High School, Kolkata | 89.25 % |

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| **Certifications and Achievements** | | |
| **Corporate Competitions** | * Campus Finalist, TATA Steel-A-Thon | 2018 |
| **Performance Appreciation** | * Awarded certification of appreciation by Credit Suisse for valuable contribution in the Star Team of the Quarter | 2015 |
| **Certified Courses** | * Statistics 1: Introduction to Anova, Regression and Logistic Regression Certification by SAS * Machine Learning A-Z by Udemy (Ongoing) * Deep Learning by Udemy (Ongoing) | 2021 |

**Technology Stack**

* **Programming** - Python (proficient level) – can write optimized code and run Statistical packages using NumPy, Scikit Learn, SAS (basic level), Visual Basic
* **Data Engineering/Database –** RDBMS, SQL (proficient), NoSQL (basic level knowledge in Mongo DB)
* **Big Data Framework –** Hadoop, Apache Spark
* **Cloud –** Microsoft Azure (basic level knowledge)
* **Statistics -** Inferential Statistics, Theoretical Distribution, Hypothesis Testing, Regression (Linear, Multiple, Logistic), Clustering, Support Vector Machine, Decision Tree, Random Forest with implementation of All the mentioned models using Python
* **Requirement Gathering/Elicitation –** Documentation of Functional/Non-Functional Requirement, Story Boarding, Epics
* **Excel –** Advanced level proficiency like creating Macros using VBA, Goal Seek

, Sensitivity Analysis among other features