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# Profile Summary

* Senior Data Analytics and Machine Learning Professional with 9 years plus of overall experience and 7 plus years in Analytics, Machine Learning - Python, R; Cloud Platforms - Azure, AWS; Business Intelligence Tools – Power BI, Data Modelling,Kibana, Tableau, etc
* Clients - Nike, Levi’s, RTBF(French OTT platform), Nova Poshta, Coluryt, Lidl, Lego, Zurich Insurance,etc.
* Experienced in handling International Clients.
* Traveled and lived in the US, UK, Netherlands, Belgium, Norway, etc. - Fluent in English, Dutch and Basic French, German

# Work Experience

| **Duration** | **Organization & Work Location** | **Designation(s)** |
| --- | --- | --- |
| 1 years 7 months  (Nov 2020-Present) | Capita India Pvt. Ltd. - Pune | Senior Software Developer (Analytics  - MI/ML Developer) |
| 6 months  (June 2020-Nov 2020) | Amaris Consulting | Software Consultant - Big Data |
| 2 year 6 months  (April 2017 - Nov 2019) | Vanderlande Industries - Pune | Senior Data Analyst |
| 1 year 0 months  (May 2014 - May 2015) | Mactan Belgium | Business Administrator |
| 2 years (2012 - 2014) | Freelancer | Market Researcher/Dutch Trainer |
| 2 year 9 months  (Jan 2007 - August 2009) | Saya Enterprises | Business Analyst |

**Core Competency**

1. Azure Data Analytics, Machine Learning, R, Python, Databricks, PySpark,ETL, Azure Data Factory, Power BI, Data Engineering,MLOps

# Educational Qualification

| **Degree/Certificate** | **Board/University** |
| --- | --- |
| MBA Finance | MG University, India 2015 - 71% |
| B.Sc. Computer Science and Business Management | Troy State University, Alabama, USA 2006 - 68% |

**Passport Details:**

| **Passport Number** | **Yes** |
| --- | --- |
| **Expiry Date** | **2022** |

**Company - Capita, Pune**

| **Projects Name** | **Zurich App Data Analysis and ETL For Power BI Reporting** |
| --- | --- |
| **Project Type** | ETL and Business Intelligence |
| **Domain** | Data Analytics and Data Engineering |
| **Description** | Client launched a new app - Zio Mobile App, and wanted to use available data for Power BI reporting. |

| **Role** | Data Engineer |
| --- | --- |
| **Responsibilities** | 1. Understanding Client’s Metrics Requirement for BI Reporting. 2. Understanding presently available Zio App data that is stored in SQL tables. 3. Picking relevant fields for client reporting and inform missing information for the purpose of future reporting requirements. 4. Understand SSIS ETL and Aggregations. 5. Confirm fields and tables and apply data modelling used for required temporal aggregations to be used in SSAS cubes for upstream Power BI. |

| **Projects Name** | **Synaptic(Webline Analytics – MI/ML)** |
| --- | --- |
| **Project Type** | Analytics and Business Intelligence |
| **Domain** | Data Analytics |
| **Description** | Setting Up Data Analytics Platform For Big Data in Azure Cloud Platform. |
| **Role** | MI/ML Engineer |
| **Responsibilities** | 1. Reviewing and Researching Data Analytics Architecture - to handle millions of files with hundreds of fields. 2. Recommend Latest and Best – Storage Types and Analytics Tools 3. Data Loading and Transformation using Azure Data Analytics platform into Azure storage - analyze data in Cosmos DB, shifting data to Azure Data Lake Storage, transforming data using Azure Data Factory, creating Data Pipelines in ADF for Machine Learning and BI. Identifying anomalies in data.   4.Creating Data Models and Reports in Power BI. |

**Company - Amaris Consulting, Bangalore/Belgium**

| **Projects Name** | **Levi’s Data Cloud Migration and Transformation** |
| --- | --- |
| **Project Type** | Data Engineering |
| **Domain** | Data Engineering |
| **Description** | Moving and Transforming Existing Data On Amazon Cloud Changing Scripts |
| **Role** | Data Engineer |
| **Responsibilities** | 1. Data Movement to Amazon S3 using PySpark change and migrate scripts from Dataiku Analytics Platform 2. Transform Data in AWS S3 and storing in parquet files format and partitioned buckets. 3. Changing existing Python NLP scripts 4. Help setting up Airflow and run Python scripts |

| **Projects Name** | **RTBF OTT Platform Analysis** |
| --- | --- |
| **Project Type** | OTT Platform Design |
| **Domain** | Data Science and Data Engineering |
| **Description** | Understanding Legacy OTT Platform built using Python, Kafka,SQL and Suggesting Cloud Alternatives like AWS and its equivalent components |
| **Role** | Consultant |
| **Responsibilities** | 1. Reviewing and Researching Legacy Architecture – API’s and scripts, Data Sources and scripts related to Media processing and Customer Data Storage and Processing for Recommendation Based Media Platform. Components used - Kafka, python,sql databases,redis cache |

|  | 2. Recommend shifting of components on Cloud Platform. |
| --- | --- |

**Company - Vanderlande India Pvt. Ltd. , Pune**

| **Projects Name** | **HR Analytics** |
| --- | --- |
| **Project Type** | HR Analytics |
| **Domain** | HR Analytics |
| **Description** | Office Feasibility Analysis As Per Employee Postcode |
| **Role** | Data Analyst |
| **Responsibilities** | 1. Implement R code using google maps API to find the most appropriate location for an office in various shortlisted postcodes for office location in the US as per employee postcode and address database to reduce commute time and distance analysis. |

| **Projects Name** | **WISE** |
| --- | --- |
| **Project Type** | Analytics and Business Intelligence |
| **Domain** | Data Analytics |
| **Description** | Analyze Warehouse Data – Material/Merchandise Flow |
| **Role** | Analytics and BI |
| **Responsibilities** | 1. Analyze business data using R/Python/Azure Machine Learning 2. Producing visuals and reports for Marketing Head 3. Data mining – Analyze labor and material costs 4. Coordinating with CAD engineers to help design virtual components after analyzing frequently used equipment across projects 5. Other projects used ELK stack Elasticsearch,Logstash, Kibana, filebeat for IT as well as Warehouse for Nova Poshta |

**Company - Mactan, Belgium**

| **Projects Name** | **HR Data Analytics** |
| --- | --- |
| **Project Type** | Salary Analytics |
| **Domain** | HR Analytics |
| **Description** | Providing Data For Making Salary Offers |
| **Role** | Data Analyst |
| **Responsibilities** | 1. Gathering data via webscraping and doing statistical analysis on job candidates for Senior Managers. |

**Old Sample Work**

Python Machine Learning App And Exploratory Data Analysis

2019 <http://nishant-budhiraja-bike-app.herokuapp.com/>

<https://nishant-budhiraja-ml-app.herokuapp.com/>

Tableau 2016 [*https://public.tableau.com/profile/nishant.budhiraja#!*/](https://public.tableau.com/profile/nishant.budhiraja#!/)

**TRAININGS/ CERTIFICATIONS**

**Databricks Lakehouse Certificate**

**WROX, WILEY - CERTIFIED BIG DATA ANALYST (2015)**

**Udemy Courses in Data Science, Data Engineering, Data Visualisation**

**Internal Company Trainings Durings Tenure**

**Pearson Test Of English - Superior English - 90% Plus**

**Advanced Dutch Certificate From Government Of Netherlands**

SKILLS - R, Excel, SQL, Power BI, Tableau, Elasticsearch, Statistical Modeling, Data analysis, SAS, Web

Scraping, Spark, Scala, Machine Learning, Python - Keras, Numpy, Pandas, Scikit, NLP, Artificial Neural Networks, Computer Vision, Cloud Platforms - AWS, Azure,Google, Kafka, Azure Stream Analytics, Deep Learning, CI/CD Pipelines, Azure DevOps, Azure MLOps