



## SKILLS

### TECHNICAL SKILLS

- Data Analysis
- Data Visualization
- Database Management
- Documentation
- Business Analysis
- Data Engineering
- Big Data Technologies
- Presentation
- Business Intelligence
- Dashboard Creation
- Project Management
- Research

### TOOLS AND TECHNOLOGIES

- Microsoft Excel
- Microsoft Power BI
- Apache Hadoop
- Amazon Web Service AWS
- SQL - MySQL
- Web Scraping
- Apache Spark
- Django, Html and CSS
- Python
- Linux
- Apache Hive
- Git and Github

### SOFT SKILLS

- Communication
- Quick Learner
- Continuous Learning
- Attention to Detail
- Adaptability
- Team Player
- Time Management
- Problem Solving

## EXPERIENCE

### GOFREELAB TECHNOLOGY

Ernakulam | Kerala

#### INTERNSHIP

August 2023 - March 2024

- Collaborated with a team to develop an **Online Exam Proctoring Web Application** using **Django**.
- Conducted client meetings, **gathered requirements**, and **documented** specifications.
- Developed real-time webcam video and audio fetching functionality using **Python**, **WebRTC**, and **Streamlit**.
- Deployed the solution on **AWS EC2** for public access.

## PROJECTS

#### Employee Data Analytics and Visualization using Python and Power BI

- Conducted **in-depth analysis** of HR data to extract actionable **insight**.
- Utilized **Python** and **Python libraries** such as **Pandas**, **Matplotlib** and **Seaborn** for **data cleaning** and **processing** and to create informative visualizations.
- Transformed project results into an interactive **Power BI dashboard**.

#### Sentiment Analysis of Tweets using Python

- Analysed **public sentiment** on Twitter regarding specific keywords through **sentiment analysis**.
- Developed a **Python** scripts leveraging **Tweepy** for **data extraction** and Twitter API authentication to retrieve tweets based on user defined keywords.
- Utilized **Text Blob library** for **sentiment analysis**, categorizing tweets into Positive, Negative and Neutral based on polarity scores and **visualized** results with informative **bar charts** and Word clouds.

#### Data Engineering and Analysis using Big Data Technologies

- Developed and implemented a **data pipeline** for **Extracting, Transforming and Loading - ETL** sales data, leveraging **Big data technologies** such as **Hadoop - HDFS**, **Hive** and **Spark** with **Spark SQL**.
- **Automated** the entire ETL process using **Apache Airflow**.
- Created an interactive sales **dashboard** in **Power BI**.

## EDUCATION

### Diploma in Big Data Analytics NACTET

Expertzlab Technology Ernakulam | Kerala  
August 2022 - May 2023

### Bachelor of Business Administration

University of Calicut 2018 - 2021  
Nirmala College of Arts and Science  
Chalakudy | Kerala

## COURSEWORK

- Career Essentials in Business Analysis Microsoft and LinkedIn
- Data Analytics Essentials CISCO
- Applied Data Science with Python IBM
- Certification in Advanced Excel

## VIRTUAL INTERNSHIP

British Airways Virtual Experience Program

- Conducted **data extraction** using **web scraping** techniques and **analysed** the data using **Python** to gain insights into British Airways.
- Created **presentation** using **PowerPoint** to present insights garnered from the analysis to stakeholders.

## RESEARCH STUDY

Conducted a Research Study and use Microsoft Excel for Analysis and Visualization.

- Research Study on **Customer's Preference and Awareness Towards the Recent Modes of Payments in Online Shopping**.
- A **survey** was conducted to **gather data**, **Microsoft Excel** was utilized to perform **data analysis** using Pivot tables and charts.
- Developed a visually appealing **dashboard** within **Excel** to present the analysed data.