

# Ahamed Safnas

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## EDUCATION

### NED University

*B.E. Computer Engineering*

### D.S.Senanayake College

*GCE A/L- Physical Science (Combined Maths- A ,Physics- B,Chemistry- B)*

Nov 2021-Present

*Current GPA: 3.71/4.0*

Aug 2019

*Z-score : 1.8025*

## COURSEWORK

**Courses:** OOP,DSA,DBMS,AI, Machine Learning,O/S,Computer Communication Network,Software Engineering, Data Analyst(Datacamp)

## EXPERIENCE

### NCL-NED | *Pyhton Developer Intern*

Apr. 2023 – May.2023

- Developed a robust **Flask API** using **Python** for text extraction from images.
- Designed and implemented a reliable API That offers a user-friendly and seamless experience for users.
- Ensured optimal performance and response time by deploying the trained model on the **Google Cloud Platform (GCP)**.

## PROJECTS

### Loan Approval Prediction | *Python*

Oct. 2023

- \* **Developed machine learning models** (Logistic Regression, Decision Tree, Random Forest) to automate loan eligibility checks.
- \* Performed EDA to identify key trends affecting loan approvals.
- \* Pre-processed data with encoding and imputation techniques.
- \* Optimized models, achieving an F1 score of 0.908 with Logistic Regression.
- \* Implemented a user-friendly interface for easy access by bank employees.

### Customer Churn Analysis | *Tableau, Advanced Excel*

Nov. 2023

- \* Preprocessed and cleaned customer usage data using **Excel**, ensuring data quality for analysis
- \* Developed dynamic visualizations using **Tableau**'s advanced features.
- \* Identified key factors contributing to customer churn and provided actionable insights to improve customer retention

### HR Analytics | *Power BI*

Mar. 2024

- \* Cleaned and pre-processed HR data using **Power Query**, ensuring data quality for analysis
- \* Used Power BI to visualize data on employee performance, turnover, and satisfaction
- \* Identified key factors influencing employee performance and turnover, providing actionable insights for HR policy development

## SKILLS

**Languages:** Python, JavaScript, HTML/CSS ,SQL(PostgreSQL,Oracle)

**Tools:** Power BI, Tableau, Advanced excel, Figma, Framer, Git/GitHub, Ms Word, Power Point

**Frameworks:** Node.js, Langchain

**Libraries:** pandas, NumPy, Matplotlib ,Seaborn ,SciPy ,scikit-learn