

Fathima Nihala

Data Analyst

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Education

Google Data Analytics Professional Certificate

Online

Coursera

- **Relevant Coursework:** Foundations: Data, Data, Everywhere, Ask Questions to Make Data-Driven Decisions, Prepare Data for Exploration, Process Data from Dirty to Clean, Analyze Data to Answer Questions, Share Data Through the Art of Visualization, Data Analysis with R Programming

Government Engineering College Palakkad

Sreekrishnapuram, India

BTech in Electrical & Electronics Engineering

2016-20

- **Relevant Coursework:** Design & Engineering, Data Structures, Internet of things

Experience

District Collector's Internship Program

Kozhikode, India

District Collector's Intern

Feb - July 2022

- One among the 13 selected out of a pool of 3000 candidates.
- Increased complaint redressal efficiency up to 30% by proper tracking and follow-up of complaints registered in Nammude Kozhikode app under District Administration, one of the 2 projects assigned to me.
- Maintained database of various nodal officers of all government offices in the district and kept updated in real-time.
- Organized a fundraising event for the Udayam Rehabilitation project and raised 10+ Lakh Rupees.
- Researched major water logging areas in the Kozhikode corporation by conducting a survey and prepared a report on our findings and analysis as a team. Similarly, conducted another survey of coastal areas for hospitality possibilities under the District Tourism Promotion Council(DTPC).
- Part of the planning team of anti-drug awareness campaign "Puthulahari" that covered all panchayats, taluks, and corporation wards of Kozhikode district.

BaQadar Centre for Plastic

Makkah, Saudi Arabia

Associate Intern

Jan - Nov 2020

- Managed all accounting transactions.
- Managed balance sheets and profit/loss statements.
- Maintained database of store available items.

KSEB Areacode 220kv Substation

Malappuram, India

Operations Internship

July 2019

- Familiarisation of Substation maintenance and operations

Keltron

Kozhikode, India

Internship

July 2017

- Learned PIC Microcontroller programming
- Introduction to Traffic light control system using Microcontroller

Projects

Capstone Project - Analysis of Cyclistic rider data

Technologies used: R Studio, Tableau

- Analysis of the difference between casual riders and annual members of Cyclistic, a bike-share company, to derive insights to convert casual members to annual membership.
- Data manipulation(dplyr), analysis, and visualization(ggplot2) using R.
- Created a Dashboard using Tableau.

Global Covid Data

Technologies used: SQL, Tableau

- Analysis and visualization of the global covid death rate and infection rate
- Data exploration, cleaning, and analysis using SQL.
- Data visualization by creating a Dashboard using Tableau.

Blood Donation Portal

Technologies used: FIGMA, MS Project, MS Excel

- Nammude Kozhikode sub app initial design model using Figma.
- Conducted research on prevailing blood donation apps.
- Prepared process flowchart and target audience.

Automatic Solar Panel Cleaning Robot

Technologies used: Proteus, LaTeX(overleaf)

- Portable Robotic Cleaning system for solar panels that can clean the surface of a solar panel array at varying angles in automatic and manual modes. Simulation is done using Proteus.

Skills

Programming R Studio(ggplot, dplyr), C/C++, SQL(BigQuery, MySQL), Python(Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn)

Other Tools Spreadsheets, LaTeX, Tableau, Power BI, Excel(Pivot, lookup), FIGMA, MATLAB, Proteus, ETAP

Soft Skills Time Management, Teamwork, Problem-solving, Attention to Detail, Engaging Presentation, Decision making, Research

Languages English, Hindi, Malayalam, Arabic

Achievements

2019-18 **Runner up, 2nd Runner up**, Kerala State Amateur Boxing Championship.

Volunteering

CRY India

Mar - Apr 2022

- Helped vaccinate children in the age group of 15-17
- Was part of the team that raised 6+ Lakhs for CRY Projects

GEC Boxing Club

Aug 2017 - Jan 2020

Co-founder

- Took part in co-training two 15 years old for district-level and state-level competitions.
- Held multiple self-defense classes and boxing lessons for kids U-18 in the college neighborhood.