

Habib Nidal

Python Full Stack Developer | Data Analyst

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[Portfolio](#)

Summary

Full Stack Python Developer and Data Analyst experienced in building full-stack applications, dashboards, and data driven systems. Skilled in Python, Flask, Django, SQL, Power BI, and frontend technologies. Strong understanding of CRUD operations, SDLC, data modeling, UI development, and backend integration

Technical skills

Full-Stack Development

Languages: Python (Advanced, OOP), JavaScript

Frameworks: Django, Bootstrap, FastAPI

Frontend: HTML5, CSS3, JavaScript, Figma, Canva

Backend Skills: CRUD operations, template rendering, form handling, authentication, database integration, SDLC Databases: SQL, Oracle SQL (Joins, Subqueries, CRUD), MySQL Workbench

DevOps & Deployment: Git, GitHub, Render, Vercel, Netlify, Version Control Tools

Data Analytics

Languages: Python, SQL

Libraries: Pandas, NumPy, Matplotlib, Seaborn

Tools: Power BI, DAX, Excel, Power Query

Skills: ETL, EDA, Data Cleaning, Statistical Analysis, Data Modeling, KPI Development

Excel Skills: VLOOKUP, HLOOKUP, Pivot Tables, Functions, Power Query

Soft Skills

Analytical Thinking, Problem Solving, Team Collaboration, Leadership, Presentation, Adaptability

Projects

FoodHub – Online Food Ordering Web Application (2025-2026) — [GitHub](#)

Tech: Django, Python, HTML, CSS, Bootstrap, SQLite, PostgreSQL, Cloudinary, Render

Developed a complete full-stack food ordering web application enabling users to browse restaurants, manage carts, and place orders. Implemented role-based authentication for Customers, Vendors, and Admins with secure order processing. Designed the database schema using Django ORM with SQLite (development) and PostgreSQL (production). Integrated Cloudinary for cloud-based image storage and deployed the application on Render for smooth live access. [LiveDemo](#)

Medical Data Analysis & Visualization Dashboard (2025-2026) — [GitHub](#)

Tech: Python, Pandas, NumPy, Matplotlib, Seaborn, Plotly, Streamlit, Streamlit Cloud

Built an end-to-end data analysis project by sourcing and consolidating public health data from government and global organizations. Analyzed trends in mortality, disease categories, health risk factors, and environmental indicators using Python. Developed an interactive Streamlit dashboard with Plotly visualizations and deployed it on Streamlit Cloud via GitHub. [LiveDemo](#)

HR Report Dashboard (2025) — [GitHub](#)

Tech: Power BI, Power Query, DAX, Excel

An interactive HR analytics dashboard representing HR metrics, performance indicators, departmental trends, and workforce insights using automated DAX calculations. Cleaned and transformed raw HR data in Power Query, built KPI measures using DAX, and designed an interactive dashboard layout

Education

B.Tech in Computer Science and Engineering - College of Engineering Trikaripur | 2021-2025

CGPA: 6.71 Percentage: 67%

Higher Secondary (Class 12) - St. Michaels AIHSS, Kannur | 2020-2021

Percentage: 90%

SSLC (Class 10) - St. Michaels AIHSS, Kannur | 2019

Percentage: 100%

Training & Certifications

Python Full Stack with Data Analytics - PySpiders, Bangalore (2025–2026)

Certified in Data Mining —MES Perunthalmanna Techfest

Young Innovators Program (YIP 7.0) -District Level Winner (Awarded for the Wearable Emergency Alert System, Final Year Project)