

Ahmed Abdullahi

ahmed.murshid@outlook.com (502) 792-5573 Louisville, KY GitHub LinkedIn

SUMMARY

CS graduate experienced in SQL optimization, PL/SQL automation (90% task reduction), and deploying ML models on AWS. Skilled in Jupyter, Pandas, and data visualization. Quick learner and collaborative problem-solver.

EDUCATION

B.S. in Computer Science (Minor: Criminal Justice), GPA: 3.5
University of Louisville – Speed School of Engineering
Aug 2020 – Dec 2024

SKILLS

- Python, Jupyter, Pandas
- SQL / PL/SQL
- Excel (PivotTables, VLOOKUP)
- Oracle, MySQL, MS SQL Server
- AWS EC2, GCP, OCI
- Docker, GitHub, Bash, PowerShell
- Java, C#, C++
- HTML, CSS, JavaScript, React
- Data Visualization: Matplotlib, Seaborn
- REST APIs, IAM, HIPAA, Access Auditing

PROJECTS

- **Rocket Launch ML:**
 - Built and deployed delay prediction model on EC2 using Jupyter and Pandas.
 - Improved prediction accuracy by 50% through AutoML and integrated 3+ weather APIs.
 - Visualized patterns and model performance using Matplotlib and Seaborn.
- **WTO Schema Refresh:**
 - Automated 90% of schema refresh tasks with PL/SQL and Oracle tools.
 - Enhanced reliability of daily database operations with minimal manual intervention.
- **Time-Series Health Monitor Dashboard:**
 - Developed a dashboard using PySimpleGUI and Matplotlib to visualize wearable sensor time-series data.
 - Implemented time zone handling, dynamic plotting, and automated summary statistics.
 - Simulated health trend tracking scenarios relevant to patient monitoring and care quality.
- **Personal Portfolio Site:**
 - Designed and deployed a personal portfolio using HTML, CSS, and JavaScript via GitHub Pages.
 - Showcased academic and independent projects with responsive design and interactive elements.

EXPERIENCE

UPS — Database Analyst Co-op Louisville, KY
May 2023 – Present

- Automated 90% of database refresh tasks using PL/SQL jobs, enhancing data availability.
- Queried, validated, and analyzed enterprise datasets using Excel, Oracle SQL Developer, and SQL.

Speed IT Help Desk — Student IT Support Specialist Louisville, KY
Oct 2022 – Jul 2023

- Resolved weekly support tickets with a 95% satisfaction rate.

UofL Health — Patient Access Registrar Louisville, KY
Feb 2022 – Oct 2022

- Ensured HIPAA compliance in patient data handling and record access workflows.

Office for Safe and Healthy Neighborhoods (OSHN) — Youth Leadership Fellow Louisville, KY
May 2020 – Aug 2020

- Participated in a civic leadership program focused on problem-solving and community building.

HONORS & AWARDS

- Dean’s Scholar (Dean’s List ×3 years)
- Muhammad Ali Center Council of Students
- Ambassador Shabazz Fellowship
- Somali Student Association
- 1st-place Cardinal Impact Hackathon – \$2,500
- 1st-place Space Force Capstone – \$300
- HackKentucky Health – \$500