

Duren Gouda

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EDUCATION

Dalhousie University

Bachelor of Computer Science [Co-op], CGPA: 3.78

Halifax, NS

Sep. 2023 – Apr. 2027

EXPERIENCE

Computer Science Mentor

Together@Dal, Dalhousie University ([Link](#))

Aug. 2024 - Present

Halifax, NS

- Mentored **20** first-year students, offering resources and guidance to ease their transition and boost retention.
- Organized **community-building** events to enhance **student engagement** and **inclusivity**.
- Strengthened **collaboration** within the Dalhousie Community through **mentorship** and **event planning**.

Data Analyst Intern

Odysey Motors Pvt. Ltd., Maruti Suzuki ([Link](#))

Apr. 2024 – Aug. 2024

Sambalpur, India

- Optimized operations by analyzing service records, customer feedback, and repair logs using **advanced Excel** techniques, including **Pivot Tables**, **VLOOKUP**, and **conditional formatting**, to identify trends.
- Designed dynamic **Excel** and **Tableau** dashboards using **DAX** formulas to visualize **KPIs** and service trends.
- Automated data workflows with **Excel macros**, reducing manual effort by **30%**.
- Managed and tracked **IT assets** using **ServiceNow**, ensuring accurate inventory records.
- Partnered with cross-functional teams to develop inventory models and deliver insights to senior management.

PROJECTS

SysGuard - System Health Monitor | Python([psutil](#), [smtplib](#), [Matplotlib](#)), Oracle SQL, Git ([GitHub](#))

- Developed a real-time system monitoring tool using **Python** and **psutil** to track CPU, memory, and disk usage.
- Integrated **Oracle SQL** to store and manage historical system performance data for trend analysis.
- Created alert system with **Matplotlib** and **smtplib** to notify users of resource overuse and display usage trends.

Personal Portfolio Website | HTML, CSS, JavaScript, Git ([GitHub](#)) ([Portfolio](#))

- Built and deployed a responsive portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase skills.
- Optimized for performance, ensuring fast loading and multi-device compatibility.
- Published using **GitHub** and **Netlify** for seamless accessibility and employer outreach.

Retail Orders Analysis | Python([Pandas](#), [NumPy](#), [Matplotlib](#)), Kaggle API, SQL, Jupyter Notebook ([GitHub](#))

- Analyzed and visualized retail datasets using **Python** libraries (**Pandas**, **NumPy**, **Matplotlib**) and **SQL**.
- Automated data retrieval and updates with **Kaggle API**, streamlining workflows for high efficiency.
- Cleaned and processed data using **SQL queries**, ensuring consistency for accurate analysis.

Road Accident Dashboard | Tableau ([GitHub](#)) ([Tableau Dashboard](#))

- Designed an interactive **Tableau dashboard** with **KPIs** and dynamic maps to analyze UK road accidents.
- Enhanced geospatial analysis by **25%** through hotspot identification and visualization.
- Incorporated filters for detailed insights and **data-driven decision-making**.

CERTIFICATES

Data Analytics with Python Certification | ShiftKey Labs Academy Up ([Certificate](#))

SQL Foundations | ShiftKey Labs Academy Up ([Ongoing](#))

Cloud Foundations | ShiftKey Labs Academy Up ([Ongoing](#))

TECHNICAL SKILLS

Languages: Python (Pandas, NumPy, Matplotlib), Java, JavaScript, HTML, CSS, Git, SQL

BI & Visualization Tools: Tableau, Advanced Excel (Pivot Table, VLOOKUP, Conditional Formatting)

Developer Tools & Cloud: GitHub, Google Collab, Jupyter Notebook, Visual Studio, IntelliJ, Eclipse, ServiceNow

MS Office (365): Word, Excel, PowerPoint, Outlook, Teams, SharePoint, Visio

Interpersonal Skills: Critical Thinking, Problem-Solving, Agile, Data Driven, Communication, Team Collaboration