

Duren Gouda

+1(782)-882-5840 | Halifax, NS | Duren.Gouda@dal.ca | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Dalhousie University

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

Halifax, NS

Sep. 2023 – Apr. 2027

EXPERIENCE

Data Analyst Intern

Apr. 2024 – Aug. 2024

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

Remote

- Optimized operations, reducing service delays by **25%**, by analyzing customer feedback, service logs, and repair records using **Advanced Excel**(Pivot Tables, VLOOKUP, and **conditional formatting**) and **SQL**.
- Designed and automated dynamic dashboards in Excel and Tableau, improving reporting efficiency by **40%**.
- Automated workflows using Excel **Macros**, reducing manual data entry by **30%**, saving **\$2,000+** in labor costs.
- Managed IT assets in **ServiceNow**, ensuring **100%** inventory accuracy and minimizing losses.

Computer Science Mentor

Aug. 2024 - Present

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

Halifax, NS

- Mentored **20** first-year students, improving retention by 15% through structured guidance.
- Organized community events, **increasing attendance** and participation by **30%** based on sign-ups and feedback.
- Collaborated with TAs and student leaders to enhance academic support and peer learning.

PROJECTS

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

- Developed a **real-time system monitoring tool**, preventing crashes and optimizing performance.
- Designed an alert system using **smtplib** that notifies users of resource overuse, reducing downtime by **35%**.
- Integrated **Oracle SQL** to store system performance data, improving trend analysis and troubleshooting.
- Enhanced system tracking using **CMDB**, streamlining issue resolution and reducing response times by **40%**.

LeetTrack - LeetCode Tracker | PHP, JavaScript, MySQL, Git ([GitHub](#))

- Built a **web application** to track progress and categorize LeetCode problems
- Integrated MySQL for efficient **data storage** and PHP for **server-side** operations.
- Developed interactive features using JavaScript to filter, sort, and visualize the user's problem-solving progress.

Global Game Jam 2025 - Brick Breaker Game | Java ([GitHub](#))

- Developed game in **Java** in under **48 hours**, utilizing object-oriented principles (**OOPs**) and fast-paced design.
- Collaborated** with a team of four to brainstorm ideas, divide tasks, and integrate features efficiently.
- Focused on gameplay mechanics, ensuring a responsive and enjoyable user experience.

MausamApp - The Weather App | HTML5, CSS3, Bootstrap 5, JavaScript, Git ([GitHub](#))

- Built a **dynamic** weather application that allows users to search cities and view current & 7-day forecasts.
- Implemented a favorites system to allow users to save preferred cities.
- Designed a responsive **UI** with Bootstrap 5 for seamless user experience.

Portfolio-101 | HTML5, CSS3, JavaScript, Git ([GitHub](#)) ([Portfolio](#))

- Built a **responsive, interactive** portfolio to showcase developer skills, projects, and achievements.
- Designed with a **mobile-first approach** for an optimal user experience on any device.
- Published using **GitHub** and **Netlify** for seamless accessibility and employer outreach.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, PHP, HTML5, CSS3, Git, SQL(MySQL, Oracle, Postgres)

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools & Cloud: AWS, Docker, GitHub, GitLab, Jupyter Notebook, Visual Studio, IntelliJ, ServiceNow

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

CERTIFICATES

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

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