

## Yadu Krishnan Madhu

yaduyem@gmail.com | +1 (437) 213 9830 | [www.linkedin.com/in/yaduyem](https://www.linkedin.com/in/yaduyem) | GitHub: [github.com/Yadu-M](https://github.com/Yadu-M)  
Personal Site: [yadukm.com](https://yadukm.com) | Scarborough, Toronto CA

---

## EDUCATION

[Toronto Metropolitan University](#), Toronto ON

**Bachelor of Engineering in Computer Engineering** - June 2024

- Relevant Coursework: Network Security, Communication in the Engineering Professions, Capstone Design
- Liquid Hacks 2021, MetHacks 2022

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript/TypeScript, SQL, C, PowerShell (basic), Bash (basic)

**Frameworks/Tools:** Wireshark, MS Office Suite, Git, Maven, VS Code, JUnit, Docker, Postman

**Cloud Platforms:** Cloud Security Fundamentals, Google Cloud, Azure, AWS

**Technologies:** IDPS Basics, Encryption Technologies, SIEM Concepts, RESTful APIs, Micro-services, Linux/Unix, MySQL

## PROFESSIONAL EXPERIENCE

**Developer / Analyst** - [Greenstar Computers](#), Toronto ON

May 2024 – Ongoing

- Developed scripts to generate **Excel/CSV** documents to populate business sales data from various online store-fronts.
- Utilized **PowerPoint/Slides** to prepare presentations addressing sales/market trajectory.
- Actively **communicated** with sales team to achieve 5-10% growth in overall sales.

**IT Technician** - [Dhari INC](#), Markham ON

September 2022 – January 2023

- Developed a Python automation script, reducing manual data entry by 80% for the in-house inventory system.
- Led stack testing on various devices, troubleshooting and verifying configurations to ensure quality and reliability.
- Conducted black-box testing on device drivers, verifying hardware compatibility and performance standards for network, audio, and graphics.

## PROJECT EXPERIENCE

[Automated Parking Management System \(Capstone\)](#) | September 2023 - April 2024

- Utilized **PowerPoint, Word and Excel** to create various documentations and presentations.
- Utilized **powerful visualization tools** like LucidChart (for high level system overview) and Figma (for Application/Software UI design) to enable effective communication by abstracting away any complexities.

[Secure Banking App](#) | April 2024 - April 2024

- Built user-friendly application with GUI using TKint Library in Python
- Developed and integrated symmetric key-based authentication system to authenticate users and transactions.

[Stock Market Monitor](#) | September 2024 - September 2024

- Utilized JavaFX to display Stock Market Data fluctuations (**flow chart**) over a period of time.
- Integrated the Yahoo Finance API to fetch live stock market data.

## CERTIFICATIONS & ADDITIONAL SKILLS

---

IBM Web Development Fundamentals • Git/GitHub • Docker • Agile/Scrum Methodologies  
• Continuous Integration/Continuous Delivery (CI/CD) • Problem-Solving • Team Collaboration  
• Quick-Learner