

Yadu Krishnan Madhu

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

JUNIOR SOFTWARE ENGINEER

Full Stack Development • Algorithm Optimization • Debugging • APIs
• Cloud Computing • Data Structures & Algorithms • Version Control • DevOps Tools

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C, SQL

Frameworks/Tools: React, Flask, Node.js, Express, Docker, Git, Postman

Cloud Platforms: Google Cloud, Azure

Technologies: RESTful APIs, Microservices, Linux/Unix, MySQL

PROFESSIONAL EXPERIENCE

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

May 2024 – Ongoing

- Consolidated business sales data from multiple vendors (Amazon, Walmart, Best Buy etc...) with UPS International and Canada Post local tracking information, generating comprehensive reports in Excel.
- Developed scripts to automate 3DMark tests for GPU performance benchmarking reducing downtime by 30%.
- Supported QC testing of monitors during downtime to ensure product quality.

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.
- Conducted black-box testing on device drivers, verifying hardware compatibility and performance standards for network, audio, and graphics.
- Led stack testing on various devices, troubleshooting and verifying configurations to ensure quality and reliability.

PROJECT EXPERIENCE

[AI Interviewer](#) | *May 2024 - August 2024*

- Developed ReactJS components to handle interactive user input and interview flow.
- Integrated Firebase Functions to store user data, facilitating resume upload asynchronously.

[Events TO](#) | *October 2024 - Ongoing*

- Developed a full-stack web application (React / Flask) for displaying events happening around the city.
- Integrated SQLite with Flask to fetch and receive event information.

EDUCATION

[Toronto Metropolitan University](#), Toronto ON

Bachelor of Engineering in Computer Engineering - *June 2024*

- Relevant Coursework: Software Design and Architecture, Advanced Algorithms, Database Systems I
- Liquid Hacks 2021, MetHacks 2022

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