

Monther Tuwati

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EDUCATION

Algonquin College

Ottawa, ON

B. Tech in Software Engineering

Expected completion: Sept. 2026

- Relevant Coursework: Data Structures & Algorithms, Design & Analysis of Algorithms

EXPERIENCE

Full Stack Developer

Jan. 2025 – Present

Joe's Auto Body

Sudbury, ON

- Built and launched a dynamic 5-page website using Next.js and Tailwind CSS, optimizing performance across desktop and mobile.
- Developed a fully customized Strapi CMS enabling client-side control over vehicle listings, bookings, and customer inquiries.
- Integrated real-time booking system with Google Calendar sync and email notifications, streamlining service scheduling.
- Built a used vehicle marketplace with advanced filtering and admin inventory control.

Software Engineer II

Nov. 2023 – Nov. 2024

Sabratha, Ministry of Education

Sabratha, LY

- Co-developed a School Information System (SIS) used by 10,000+ students across schools
- Improved data access speed by 18% through optimized MySQL and MongoDB schema design.
- Enforced data integrity and compliance during system audits through secure backend architecture.
- Collaborated remotely across departments to test and deploy critical system updates.

Software Developer

May 2023 – Dec. 2023

Ozone Telecom

Freelance

- Contributed to the development of a Bar-code/QR-based Attendance System using Electron.js and Node.js, enhancing attendance tracking for 500+ employees.
- Contributed to building the HRMS with Next.js, React.js, MongoDB for employee management.
- Improved MySQL backend performance by 12.5% through query optimization.
- Provided technical support to ensure the seamless integration of the HRMS and Attendance System across departments.

Junior Data Analyst / Core Technician

Sept. 2022 – May 2023

McEwen Mining Inc.

Timmins, ON

- Recoded and adapted existing Python scripts to automate the core scanner workflow for each new data batch.
- Uploaded geological scan data to a remote centralized database for further analysis by distributed teams.
- Reduced system downtime by 20% through performance monitoring and proactive technical support.

PROJECTS

Point of Sale System | *Electron.js, JavaScript, Bootstrap, NeDB, Node.js, jQuery, Git*

April 2024 – Present

- Developed a comprehensive POS system for small and medium businesses to track sales, manage inventory, and generate reports.
- Integrated real-time inventory tracking, enabling store managers to monitor stock levels and prevent shortages.

Food Delivery App | *React Native, TailwindCSS, Firebase, Redux, Google Map API, Git*

May 2024 – Aug. 2024

- Built a mobile app for users to browse restaurants, place orders, and track deliveries in real-time.
- Integrated real-time notifications using Firebase Cloud Messaging for order updates and promotions.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, C++, C#, PHP, HTML/CSS

Frameworks: React, React Native, Vue.js, Next.js, Angular, Tailwind, Electron.js, Express.js, Django, Bootstrap

Backend: Node.js, Laravel, Spring, Django, MySQL, PostgreSQL, MongoDB, SQLite, Redis

Developer Tools: Git, Docker, Azure, Firebase, Google Cloud, VS Code, Unity, Unreal Engine, PyCharm, Eclipse