

DAWIT MERSHA

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SUMMARY

Fourth-year Computer Science student at York University with 4+ years of programming experience. Skilled in web development using React, Angular, and Vue.js, with strong backend knowledge including Firebase and database systems. Seeking a Microsoft internship to apply technical skills in a collaborative environment focused on innovative software solutions and cloud technologies.

EDUCATION

Bachelor of Engineering - BE, Mathematics and Computer Science | York University, Toronto, Canada

GPA: 3.8/4.0 (Dean's Honor List)

Relevant Coursework: Introduction to AI and Logic Programming, Database Systems, Software Design, Data Structures, Advanced Object-Oriented Programming

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C++, C, HTML/CSS

Frameworks & Libraries: React, Bootstrap, Node.js, Angular, Vue.js

Project Management: Agile, Scrum, Kanban boards, Gantt Charts

Tools: Git, Visual Studio, Android Studio, Wireshark, VM VirtualBox

Databases: MySQL, Firebase Realtime Database, SQLite

Microsoft: Azure DevOps, .NET, Microsoft 365, Power Platform

PROFESSIONAL EXPERIENCE

Software Developer | TechnoLab, Addis Ababa, Ethiopia | Jun 2022 - Sep 2022

- Developed responsive web applications ensuring cross-browser compatibility and mobile responsiveness
- Improved system stability by 30% and reduced page load times by 25% through bug fixes and performance enhancements
- Collaborated in Agile environments, participating in daily stand-ups, sprint planning, and retrospectives
- Integrated new applications into phone systems, improving organizational productivity
- Reduced support tickets by 25% through comprehensive documentation and technical support

Technical Support | Bell Canada, Toronto, Ontario, Canada | 2021

- Installed and troubleshooted customer equipment including Internet modems and IPTV systems
- Demonstrated strong technical problem-solving skills in resolving complex connectivity issues

PROJECTS

YorkU Parking Booking System

- Designed and developed a Java-based parking management system with a team of five students
- Implemented object-oriented design with role-based access control for different user types
- Created UML diagrams to model system architecture and visualize complex relationships
- Developed GUI-based application with sensor integration and database connectivity

Netflix-Inspired Resume Portfolio

- Built an interactive web portfolio using HTML, CSS, JavaScript, CSS Grid, and Flexbox
- Implemented custom CSS animations and the Intersection Observer API for dynamic content loading
- Created responsive design ensuring cross-device compatibility and optimal user experience

Ethio Lyrics

- Developed an Android mobile application in Java using Android Studio with 10,000+ downloads