

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
Currently pursuing a Bachelor's degree in Computer Science with a focus on software development and artificial intelligence. Coursework includes Introduction to AI and Logic Programming, Database Systems, Software Design, Design and Analysis of Algorithms, Data Structures, Advanced Object Oriented Programming, Computer Organization, and Theory of Computation.

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