Kunal **Sharma**

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Work Experience

The Co-operators

Provisioning Specialist   January 2024 – September 2024

- Optimized IT processes: Addressed compatibility issues during the Windows 10 to 11 transition, updating and customizing the BurnIn stress test key to ensure seamless testing procedures.
- Technical troubleshooting: Successfully resolved RSOD, BSOD, and Media Feature Pack issues, significantly enhancing system stability and reliability.
- Sustainability and efficiency: Retired and refurbished over 500 outdated machines, contributing to sustainability efforts and improving operational efficiency.
- Process improvement: Streamlined hardware deployments by refining testing procedures, ensuring consistent quality and reliability across IT infrastructure.

Ontario Turkey

Brand Ambassador   May 2023 – Present

- Engaged with various locations to deliver insightful information about Turkey, enhancing brand awareness.
- Promoted and raised awareness effectively through strategic collaboration and outreach activities.
- Ensured a positive experience through attentive and empathetic communication, effectively resolving issues and troubleshooting problems.

Education

University of Guelph   Guelph,Ontario,Canada Co-op Major Computer Engineering
Expected: April 2026

Academic Projects

Advanced Array Operations Library(2024)

- Created a versatile array operations library with features like dynamic array creation, file I/O, and element modification functions.
- Implemented matrix-matrix multiplication, element-wise operations, array transposition, and other essential matrix and vector operations.
- Ensured robust error handling for memory issues and value discrepancies, enhancing the library's reliability.

Personal Projects

FitFusion: Fitness Website with YouTube API Integration: (Website hyperlink) (2023)

- Developed a dynamic fitness website using React JS, Material-UI 5, and YouTube API (v3).
- Created a user-friendly interface leveraging Material-UI 5 components and the MUI library and integrated YouTube API (v3) using Axios for fetching fitness video content.
- This project showcases proficiency in front-end development, API integration, and creating engaging user interfaces.

RoboAttend: Voice&Vision Attendence System (2023)

- Designed and implemented an innovative attendance system utilizing a robotic speaker and face recognition technology.
- Developed using Python's OS module and subprocess for seamless integration of system commands.
- This project showcases proficiency in front-end development, API integration, and creating engaging user interfaces.

Personal Portfolio: (Website hyperlink) (2022)

- Used React framework of JavaScript.
- Used HTML, CSS, and Bootstrap to create a responsive design.

Skills

Languages: C, C++, Java, Python, JavaScript, SQL, HTML, CSS, MIPS.

Framework: React, Node.js, Flask, .NET, jQuery, Bootstrap, JSON.

Development: Object Oriented Programming, Data Structures, Algorithms, Software Integration, Automated Testing, Code Reviews, Pair Programming, Agile Methods, Debuggers.

Dev Tools: VSCode, Visual Studio, GitHub.

Soft Skills: Fast Learner, Problem-Solver, Effective communication, and interpersonal skills.