

# Hassan Sohail

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## SUMMARY OF QUALIFICATIONS

- Proficient in a variety of computer languages including Java, Python, JavaScript, C++, and HTML, coupled with strong problem-solving skills to tackle complex tasks with precision and attention to detail.
- Demonstrated expertise in developing and managing marketing campaigns through the successful establishment and operation of a Social Media Management Agency.
- Skilled in managing and collaborating on projects using GitHub, demonstrating expertise in version control and team-based software development.
- Experienced in both team and independent environments, having worked on group projects, independent research, and personal projects to enhance skills.
- Fluent in English and Arabic, Urdu, Hindi, and Punjabi

## EDUCATION

### Bachelor of Engineering, Software Engineering

2021 Sept – 2026 May

Western University, London, ON

**Awards:** Western Scholarship of Distinction

#### (SE2205) Data Structure and Algorithms

- Acquired knowledge of stacks, queues, trees, graphs, and associated algorithms; in addition to sorting, searching and hashing algorithms; for use in future software development projects.

## RELEVANT WORK EXPERIENCE

### Full Stack Developer - Magnify Access

2024 (January - Present)

- Lead developer for a Job Connection app aimed at streamlining the co-op search for over 1,000 high school students in Toronto, utilizing Laravel, React, and SQL.
- Translated user requirements into actionable software specifications, employing tools such as Git, Jira, Figma, and SQL databases, while ensuring UI/UX principles and accessibility standards.
- Managed and guided a team of four developers through the design, testing, and deployment phases of the Co-op Connect app, fostering collaboration and innovation.

## PROJECTS

### SK Solutions CRM Software

2023

- Developed a user-friendly CRM software (SAAS) using PHP, enhancing business inquiry management, and leading to a 34% boost in client productivity.
- Implemented features such as lead tracking and task management, improving operational efficiency and customer relationship quality.

### Personal Portfolio Website |

2023

- Designed and developed a personal portfolio website showcasing software projects and academic achievements.
- Demonstrated multi-language proficiency (Java, JavaScript, C++, HTML, CSS and Python) in web development.

### UNESCO Hackathon |

2023

- Collaborated on a team project to design sustainable shelters with advanced features like rainwater collection and solar energy systems.
- Addressed global sustainability challenges, aligning with United Nations' Sustainable Development Goals.

### Programming Fundamentals Blog |

2021

- Created an educational blog to elucidate programming concepts in Java, CSS, HTML, JavaScript, and Python.
- Focused on the practical applications and web development aspects of each programming language.

## EXTRACURRICULAR ACTIVITIES

- Engaged in the Western University Quantum Club, actively participating in initiatives and discussions related to quantum computing and technology.
- Member of the Western University Aero Design Team, contributing to innovative aerospace design projects and engineering challenges.
- Involved with the Western University 3D Printing Club, focusing on the application of 3D printing technologies in various engineering projects.