

# Harmandeep Mangat

Mississauga, Ontario, Canada

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## Objective

To secure a position as an Entry-Level Software Engineer where I can utilize my experience in designing software applications and developing testing procedures to drive innovation and solve complex problems.

## Skills

<b>Programming</b>	Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), PHP, C/C++, HTML/CSS (Bootstrap), JavaScript (React, Node.js), SQL, Java (Java Spring Boot), Haskell
<b>Miscellaneous</b>	Linux, Shell (Bash/Zsh), L <sup>A</sup> T <sub>E</sub> X(Overleaf/R Markdown), Microsoft Office, Git. Genetic Programming, Neural Networks
<b>Soft Skills</b>	Project oversight, Code debugging, Development lifecycle management, Best practices implementation, Timeline coordination, Program coding, Plan Agile sprints, Evaluate user requirements, Supervise programmers, Gather requirements, Debug software, Verbal communication, Produce clean code

## Work Experience

### Canada Summer Games

St. Catharines, Ontario

Software Engineer, Scrum Master, Product Owner

Jan 2022 - May 2022

- Designed, developed, and maintained user-centered software applications, working on both front-end and back-end components using technologies such as React, Node.js, Java Spring Boot, and SQL.
- Managed the software development lifecycle, including project planning, agile sprints, and quality assurance testing, to ensure on-time and on-budget delivery of projects.
- Utilized industry-accepted testing methods, including security, acceptance, and performance testing, to troubleshoot flaws and improve application performance.
- Supervised programmers and provided oversight for code debugging, development lifecycle management, and best practices implementation.
- Collaborated with stakeholders and integrated design feedback to produce high-quality, clean code and ensure that software applications met user requirements.

### Animalerie Règne Animal

Remote

Full-stack Developer, Product Owner

Apr 2019 - Sep 2021

- Designed, developed, and maintained a robust e-commerce website using Node.js, React, HTML/CSS (Bootstrap), and SQL.L
- Regularly updated the website to adapt to changing user preferences and client demands, ensuring the site remained current and user-friendly.
- Verified the functioning of pages and applications by testing features after uploads, identifying and resolving issues as needed.
- Collaborated with stakeholders and integrated design feedback to produce high-quality, clean code and ensure that the website met user requirements.
- Developed and deployed successful e-commerce strategies into the client's website, resulting in increased sales and customer satisfaction.

### Thelashbarco

Remote

Full-stack Developer, Product Owner

Feb 2018 - Jul 2019

- Designed and created an accessible web front-end user interface for a new database using HTML, CSS, Node.js, and React.
- Managed back-end server logic protocols and database connections to ensure seamless functionality of the website.
- Completed new development work and updates using multiple programming languages, including Node.js, React, and SQL.
- Detected problems provided by client's feedback and implemented solutions, improving the website's functionality and user experience.
- Executed programming projects adhering to coding standards, design styles, and project management methodologies.

## Education

### Brock University

St. Catharines, ON

Bachelor of Science, Computer Science

Apr 2022

- Courses:** Data Structures, Computer Architecture, Computer Systems, Algorithms, Database Systems, Artificial Intelligence, Software Engineering, Functional Programming, Formal Methods in Software Engineering, Machine Learning, Genetic Programming, Reinforcement Learning, Internet Technologies, Advanced Object-Oriented Programming, Programming in C++ with Applications

### Lincoln M. Alexander Secondary School

Mississauga, ON

High School Diploma

June 2016