





Karamjit Singh Brar

Pursuing Bachelors in Computer Science from York University, Toronto. I am currently in my second year and actively looking for internship opportunities. I am proficient at frontend and backend, ideally looking for position of a full stack developer. [Project Link](#) 

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Bachelor's in computer science
York University
(2020-2024)



Mechanical Engineering Technician
Sheridan College
(2020-2024)

Completed my diploma in mechaical engineering from sheridan college, it gave me a lot of hands on experience with CNC programming, CAD softwares and material properties.

Due to my interest and ever increasing digitization of world, I decided to pursue a degree in CS. I hope in future I'am able to utilize skills learned from both streams.

Skills

Front end

Javascript

HTML

CSS

React

Backend

JSON

Cloud

Node.js

OOP

java

Hackerrank



Advanced Object-oriented programming

- Java
- TDD (Test Driven Development)
- Polymorphism, abstraction
- Recursion, interfaces

Experience with web development

- Hosting, SSL, domain, and various CMS
- Using HTML, CSS, and JS for frontend
- Learning to use React
- Certifications in cloud management by IBM

RISC-V instruction set architecture

- Assembly language
- Building CPU from basic components

Fundamentals of Data Structures

- Algorithms and analysis
- Data structures

Certifications

Developing Cloud Native Applications

- Describe Cloud Native and DevOps concepts and methodologies
- Build and Deploy code to IBM Cloud using DevOps tools and services
- Create a Node.js application on Cloud

Introduction to Web Development with HTML, CSS, JavaScript

- Develop interactive and engaging websites and cloud application
- JavaScript programming for web applications

Introduction to Cloud Computing

- Define cloud computing and explain its essential characteristics
- Describe the cloud service (IaaS, SaaS, PaaS) & deployment models (Public, Private, Hybrid)
- Explain emerging Cloud related trends including Hybrid Multicloud, Microservices, Serverless, Cloud Native, DevOps and Application Modernization

Work Experience



CNC Programmer and operator

Commercial Spring & Tool Company Limited · Permanent Full-time

Sep 2017 – Sep 2020 · 3 yrs 1 mo

Mississauga, Ontario, Canada

Programming and Maintenance of EDM machines. Mastercam(x9) for NC programming and profile modifications.



Machinist

EDM cut inc · Permanent Part-time

Jan 2016 – Jul 2017 · 1 yr 7 mos

Brampton, Ontario, Canada

Operated, maintained wire EDM machines and worked on CAD & CAM models.
Cnc programming (2D)



Car Detailer

In N Out Car Wash & Detailing · Casual / On-call

Sep 2015 – Apr 2016 · 8 mos

Brampton, Ontario, Canada

Worked on assembly line for interior car cleaning and detailing.