**SIMERJIT SINGH**  [singhsimer09@gmail.com](mailto:singhsimer09@gmail.com) 778-951-3608 Burnaby, BC

**PROFILE**

I have a bachelor’s degree in Electrical Engineering and a post-graduate diploma in Web and Mobile app Development. I have 2 years of experience in PLC/SCADA Programming, LabView, and designing PCB Circuits and Logic Controllers. Apart from that, I’ve also had experience in designing Web and Mobile applications. Please see my website, [simer.dev](https://simer.dev/), for a detailed look at my experience

**WORK EXPERIENCE**

**Tech Specialist/Photo Lab Specialist** Aug 2022 – Current

London Drugs, Vancouver

* Continuous interaction with the customers to assess their needs and aid regarding any hardware or software related issues
* Responsible to debug and repair issues related to the operating system, including MS Windows, Linux, and mac

**Full Stack Developer** Jan 2022 – Current

Freelance

* Created front and back end of the Web Applications including the deployment with SEO strategies for websites
* Deployed Back-end using AWS DevOps using Apache Server, and Heroku

**Software Instructor** Aug 2019 – Dec 2020

Ramanujan Academy, India

* Tutor to provide industry-standard concepts which allow them to deep into the field
* Assist students in debugging/troubleshooting software as well as hardware related issues

**PLC Programmer** May 2017- May 2018

Schneider Electric, Lovely Professional University, India

* Writing custom code in form of ladder logic/STL and testing automated systems for efficiency, safety, and reliability. Troubleshooting system errors
* Continuous communication with the supervisor to approach safe method to conduct any task
* Utilised SCADA to monitor complex industrial processes and cumbersome for human monitoring and control

**CERTIFICATION AND INTERNSHIP**

**DKOP LabsPVT.Ltd.** India June 2018

**Tevatron Technologies,** India June 2017

**PLC and SCADA,** IndiaJune 2017 - July 2017

**PCB Designing**, India Jan 2016 – May 2016

**EDUCATION**

**Post-Graduation Diploma in Web and Mobile App Development** May 2012 - Dec 2022

WordPress CMS, PHP, NodeJS, Java, React, React-Native, SEO Strategies Langara College, Vancouver BC

**Bachelor of Technology in Electrical Engineering** August 2015 - Jun 2019

Technologies:C/C++, Embedded C, Java, MySQL, PLC/SCADA. LPU, India

**TECHNICAL SKILLS**

* Excellent Computer skills, including Data/Circuit Visualisation tools such as MATLAB and Ni LabView.
* Proficient in general programming languages, Object-Oriented concepts, the backend technologies such as NodeJS, Python – Django, Bash Scripting and Databases including SQL as well as NoSQL databases
* Proficiency in testing and validating APIs using tools, including postman and Bash cli.
* Experience working with Raspberry pi and Arduino UNO.
* Familiar with the platforms specifically used for the deployment of the Applications, including AWS DevOps – Apache Server, Heroku, and Netlify