**Devang Banda**[devang.banda2817@gmail.com](mailto:devang.banda2817@gmail.com) | +1(250)588-9681 | Vancouver, BC | www.linkedin.com/in/devangbanda

# **Summary**

Computer Science student equipped with a strong foundation in programming languages, algorithms, data structures, and software engineering principles. Adept at problem-solving, identifying issues, and offering solutions to problems. Experienced in troubleshooting, and testing electronics/computer systems with extensive knowledge and experience in embedded development.

# **Skills and languages**

|  |  |
| --- | --- |
| * **Frameworks:** React, Express | * **API & Web Dev:** JWT, RESTful APIs, CORS |
| * **Languages:** Python, Java, C++, HTML, CSS | * Full-Stack |
| * **Version Control:** GitHub | * Data Structures and Algorithms |
| * **DB & data Mgmt:** PostgreSQL, MongoDB, Mongoose, CRUD, | * Problem Solving |

# **Professional experience**

**Electrical Technician | May 2022 - Present  
Powertech Labs – Surrey, BC**

* Troubleshoot Allen Bradley and Siemens control and data acquisitions systems using PLC programming
* Repaired protection and control systems for electrical networks including fault location, and isolation

**Electrical Maintenance Technician | January 2022- April 2022  
Schneider Electric – Victoria, BC**

* Troubleshoot and repaired 3 phase systems, motor control circuits, relays, sensors, and power meters.
* Maintained calibration reports, logs, equipment repair documents, & technical reports for power meters

**Electronics Technologist | January 2020 – December 2021  
Forest Technology Systems Inc. – Victoria, BC**

* Manufactured, troubleshoot, repaired, calibrated, and maintained electronics instruments, sensors, and systems including logging, signaling and telecommunication, CCTV systems, LAN etc.

# **Projects**

* **Illuminado :** *Smart Lamp with IoT capabilities, home security (live video feed and motion detection camera), and Google Assistant remotely controlled by a custom Android Application*
* **Expense Tracker** – *An automated expense tracker built with React, Node.js, MongoDB, Redux, and JWT.*
* **Binary Message Encoder** - *Developed an Arduino based Digital Communication project for Transmitting and Receiving data packets using Manchester encoding, 433MHz Transmitter and Receiver, and Arduino*

# **Education**

**Camosun College – Victoria, BC  
Electronics and Computers Engineering Technology**

* Awarded as Camosun’s Best International Student in First Year for Electronics and Computers Engineering Technology and scholarship in 2018
* Awarded Camosun’s International Academic Advancement Scholarship in 2019

**Thompson Rivers University – Kamloops, BC (2023-2026)  
Bachelors of Computer Science**