

# Gary Wallace

## Full Stack Developer

site://www.masterconnect.ca

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Desire to work as a Full Stack designer to gain continued experience and knowledge with different infrastructures. Constructed dynamic apps that feed elegant frontend React's desktop/mobile interface, while maintaining prudent practices.

*"Learning is living" - Horace Mann*

## EXPERIENCE

### Digital Master Connect, Richmond Hill — Developer

2021 - PRESENT

Provide a secure end-to-end service for the client upon request of the following:

- embeds dynamic SEO constructs for quick product/information update;
- Asynchronized backend emailing and load balancing through brokerage/worker (Celery/Rabbit) systems, if req.;
- Develop back-end server-base endpoints REST calls using front end requests;
- Develop Django/Python || SpringBoot backend package development;
- Developed some spring Boot backend packages;
- Use React/React Native as the primary front-end package - solid state machine;
- Develop backend REST syncs (calls) to drop-shipping Co(s) endpoints through hooks upon purchase/action completion;
- Develop AWS-secure/public file access via BOTO-3; and
- Deploy client's developed sites via AWS/ Heroku/git && Expo(:phone) processes.

### Project Type:

- Store Front
  - Developed a fully integrated storefront using pure JS/CSS/HTML and PSQl infrastructures. This includes developing an administrative backend utility framework for account control.

## SKILLS

PYTHON/JS/C++/SQL/PSQL

MATH: High level

ELECTRONICS: component  
IC

### WEB-FRAMEWORKS:

Django/(React+Express),

SpringBoot-mavin  
(jdbc::postgres/jdbc::sql)

CRYPTO: Hash/Token, User  
Accounts

### BACKEND:

SQL/PSQL/(Python)/C++/Django/Rest\_Framwork

### FRONTEND:

html/css/js/React/React-native

### UX DESIGN Tool(s):

Figma

### ONLINE INTEG SERVICES:

Git/Heroku/AWS

Workers: RabbitMq, Reddit

- <https://www.master-connect.ca>:
  - Three level purchase option(optional based on client's needs);
  - Build,post-service,extra-service optional billing;
  - Each level is optionally triggered on milestone completion and executed by a check-task-completion system controlled by the developer;
  - All client notices are automated.
- The site holds over 32 pages of information and processing content; and
- The site holds 18 design front page specimens to view.

## **Mircom, Vaughan — (Field,Application) Eng**

2012 - 2019

Project designed, managed, coordinated,implemented \$90K-\$500K condominium communication based projects and acted as 3rd-line support for all Mirom's communication systems, as well as:

- Coordinated sales level contract closures;
- Coordinated and design assisted new project and H/W improvements;
- Managed custom-client based projects; and
- Resolve technical 3rd-level issues(local/Remote).

### **Project Type:**

- 1000-5000 (multinode) Condominium communication and security system;
- 300-1000 powerLine/RF-Zigbee fire-Alarm system;

## **DnD, Toronto— Communication and Infor. Syst. Sec. Officer–Captain**

2007 - 2012

designed/coordinated communication and contract coordinated CFC projects and shortfalls such as:

- implemented/coordinated projects related to communication and physical/Information security systems;
- Manage billing/Project Finances;
- implemented course outlines;
- manage help desk personnel;
- Brief higher on project progress;
- Conduct quarterly PERS; and
- Acted as the department authority on electronic and communication technologies to higher

## **AWARDS:**

Commander  
Training/B.O.T.C/B.Eng  
Elect/Information Security  
System Information(ISSO).

## **LANG:**

native-English/Bilingual  
(French)

## **ACCOMP(S):**

- Becoming a parent
- Serving my country in war;
- Achieving Captain lvl
- passion for coding.
- self-learner

## **BEHAVIOR:**

- Enneagram:#5
- Overly-focused
- half-full-approach
- technical

### Project Type:

- Security Systems DWAN installation instruction procedure;
- Public Works project implementation and contract negotiation;
- Create SOW for special projects to be contracted out.

### **DnD, Afghanistan — QA Contract Specialist Officer-Lieutenant**

2006 - 2007

Manage large existing supply contracts (CANCAP- Canadian National Contractors Agreement Plan, in association with SNC Lavalin Inc) for the Kandahar airfield and surrounding regions which includes:

- Conduct bi-weekly QA assessments per KAF section;
- Conduct outside-the-wire meetings with local contractors/Chieftains in coordination with operations; and
- Conduct monthly visits to Forward Observation Bases ( FOBs).

### EDUCATION

#### **Concordia University, Montreal — B.Eng. Elect**

MONTH 1995 - 1999

Specialized in communications and Electronics.

#### Projects:

- Constructed a 4-pin micro-chip;
- Built a Voice Recognition processor board.

#### **Concordia University, Montreal — BSc.Physics**

MONTH 1993 - 1995

Theoretical Physics.

#### **Champlain College, Longueuil — Pure&Applied**

1991 - 1993

#### **Military, St-Jean — B.O.T.C/Officer Commission**

2002 - 2006