

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

2020 - 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/workers;
- 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;
- Develop backend REST syncs (calls) to drop-shipping Co(s) endpoints through hooks upon purchase/action completion;
- Developed backend email distribution && response;
- Develop AWS-secure/public file access via BOTO-3; and
- Deploy client's developed sites via AWS/ Heroku/git && Expo(:phone) processes.

Project Type:

- <https://www.masterconnect.ca>:
 - Resigned home page to accommodate a 3-click response system.
- Store Front
 - Developed a fully integrated storefront using pure JS/CSS/HTML and PSQl infrastructures. This includes developing an administrative backend utility

SKILLS

PYTHON/JS/C++,
SQL/PSQL REACT,
REACT NATIVE, DJANGO,
SPRING BOOT, NODEJS,
BS, HTML

MATH: High level

ELECTRONICS:component
IC

WEB-FRAMEWORKS:

Django/(React+Express),
SpringBoot-mavin
(jdbc::postgres/jdbc::sql)

SECURITY:

Hash/Token,User
Accounts,Base64/128,
Session key

BACKEND:

SQL/PSQL/(Python)/C++/Django/Rest_Framwork, Spring Boot

FRONTEND:

html/css/js/React/React-native

UX DESIGN Tool(s):

framework for account control.

- <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:

- Assisted 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(P2P)).

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

Figma (if A/P)

ONLINE INTEG SERVICES:

Git/Heroku/AWS

Workers:RabbitMq,Reddit

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

higher

-Overly-focused

Project Type:

-half-full-approach

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

-technical

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

