

Gary Wallace

Full Stack Developer

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Desire to work on contract with start-up to mid-companies who are in need of a well rounded experienced web and portal designer, with knowledge and skills in front and back end development, database management, electronics and automation.

"Learning is living" - Horace Mann

EXPERIENCE

Digital Master Connect, Richmond Hill — Developer

2021 - PRESENT

Provide a secure end-to-end service for the client in the aim to increase internet ranking and Viewership ;

- Media/corporate user account interface integration;
- Auto populated SEOs;
- Asynchronous maintenance, emailing and load balancing through brokers anticipating increase traffic in the aim to ensure application responsiveness ;
- Using query annotate techniques on reducing hits on the database to maintain reliability, speed and reduce database defragmentation;
- Develop back-end specialize applications in unison with front end requests;
- Specialized React Front-end Routing with Express user encrypted Backend;
- Specialized Django/Python package development;
- Modest API to drop-shipment locations, companies and financial institutions for easy-service;
- AWS-frontEnd/Heroku Backend Deployment.

Project Type:

- <https://www.master-connect.ca>

SKILLS

PYTHON/JS/JAVA/SQL/PSQL

MATH: High level

ELECTRONICS: component IC

WEB-FRAMEWORKS:

Django/(React+Express),

CRYPTO: Hash/Token, User Accounts

BACKEND:

SQL/PSQL/Query/fetch-await
/requests(Python)

FRONTEND:

html/css/js/React

ONLINE INTEG SERVICES:

Git/Heroku/AWS

Workers: RabbitMq, Reddit

AWARDS

Commander

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

Served my Country in the
Afghanistan War .

LANGUAGES

native-English/Bilingual
(French)

- <https://www.master-sale.ca>

Mircom, Vaughan — (Field,Application) Eng

2012 - 2019

Project designed, managed, coordinated,implemented of \$90K-\$500K communication based projects and acted as 3rd-line support, such as:

- Coordinated sales level contract closures;
- Coordinated and design assisted new project and H/W improvements for market-level entry;
- Managed custom-client based projects; and
- Resolve technical 3rd-level issues.

Project Type:

- Condominium communication and security system, Residence population:1000-5000 Residents;
- Wireless and powerline commercial Fire Alarm systems;
- Energy saving base wired and wireless base systems;
- Long-term care facilities communication systems;

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
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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.

Champlain College, Longueuil — Pure&Applied

1991 - 1994

Military, St-Jean — B.O.T.C/Officer Commision

2002 - 2006