

## Ryan Hunter

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### Full Stack Web Application Developer / Systems Integrator/ Developer

Results oriented web, database, & application developer with over 23 years' progressive design & development experience in front-end (*React.js, Angular, Vue.js, CSS, JavaScript, HTML, & graphics design*), databases/ data stores (*MySQL, Oracle, Microsoft SQL Server, PostgreSQL, SQL, MongoDB, JSON, & CSV*), and back-end (*Spring Boot & Java, PHP, ASP.NET Core & C#, Node.js/Express.js, & Python/Django*), complemented by 4 years' project coordination experience. Excellent listening, communication, analysis, teamwork, programming, agile development, presentation, public speaking, & troubleshooting skills. PMI **PMP**, ITIL, AWS, GCP, Microsoft Azure, MCTS & MCP certified. Toastmasters District 123 [Public Relations Manager](#) (2024-2025).

### Key Accomplishments

- Banking REST API security architecture design, review, vetting, & Best Practices design for **Scotiabank**.
- UI & front-end web development for 2 commercial bank projects, using React.js, Redux, React Router, JavaScript, CSS, HTML, & a custom corporate CSS framework.
- Configuring & administering SAST & DAST security testing with Checkmarx, BlackDuck, Acunetix, & more.
- Led the customization, documentation, migration, & testing of a vital Perl & Postgres based legacy application.
- Created a Python, C#, & SQL based financial securities import & export data system for **TD Securities**.
- Managed CMS, LMS, & scheduled content deploys using WordPress, Drupal, Joomla, & Moodle bespoke apps.
- Designed, built (*front end & back end*), tested, & deployed multi-tiered AODA & OWASP accessibility compliant web applications for leading corporations, using multiple web technologies, tech stacks, & cloud servers.
- Managed site design & development, and all social media & publicity related issues for 2<sup>nd</sup> largest Canadian District, including managing an 11 member Team, Facebook, LinkedIn, YouTube, podcast, MailChimp, & Canva.
- Developed complex Tableau BI Dashboards & Reports for Numeris Panel Management application.
- Coordinated the complex recovery of a large mission critical MS SQL Server database for our 2<sup>nd</sup> largest client. Led team and managed all aspects of multiple systems deployments. Maintained documentation for 4 systems.
- Created several custom web sites, web apps, & templates for small businesses quickly using multiple technologies including React.js, Node.js, ASP.NET, Angular, Vue.js, PHP, C#, REST APIs, Spring Boot, Python, JavaScript, CSS, JSON, Bootstrap, Bulma CSS, HTML5, Django/Python, custom graphics, modern web development workflows, and assorted Content Management Systems and web frameworks.
- Database design & administration using MySQL, Oracle, MS SQL Server, MySQL, PostgreSQL, & MongoDB.
- Systems analysis, coding, and project coordination for the creation and management of 4 new IT products, and the re-design of a 5th, resulting in a 13% increase in corporate sales. 17 media (radio, television & newspaper) presentations, 22 marketing presentations, and multiple public speaking engagements over 14 months.
- Analysis, web development, & testing for Canada.com (Canada's largest web portal in 2007) and 17 other news portals.
- Solo coded & managed a then pioneering labour market TELMI web portal for the **City of Toronto** (Social Services). Delivered multiple presentations and Q&A sessions to stakeholders & SMEs. Designed & built CMS.
- Systems analysis & project coordination for a City of Toronto computer upgrade project, which deployed 1,306 computers to 24 locations. Coded inventory, & automation scripts in C# & Python. Led the subsequent end of term IT assets inventory & liquidation project. Managed departmental IT purchasing.
- Systems analysis, programming, & project coordination for a 4 country Inter-American Development Bank (IDB) labour resource project. Designed and delivered systems training in the 4 countries.
- Managed all aspects of a systems repair & upgrade project achieving savings of 14% of the IT budget.

### Skills & Proficiencies

- IT Security architecture, design, policy development, forensic analysis, monitoring, and testing (SAST & DAST). Technologies used included BlackDuck, Checkmarx, Acunetix, NoName, Akamai, and GCP & AWS cloud tools.
- 23 years' web application development experience. Technologies used include :
  - assorted front-end technologies including React.js, Angular, Vue.js, JavaScript, Next.js, Nuxt.js, HTML, CSS, Bootstrap, Material Design, & other frameworks, & graphics development (*with Canva, Inkscape, GIMP, & Pixl*).

- varied database & data-store technologies such as SQL (Microsoft SQL Server, Oracle, PostgreSQL, & MySQL), MongoDB, JSON, & Tableau,
- Building ALL corporate sites to AODA, WCAG, OWASP security, & SEO best practices.
- multiple programming & back-end technologies including Spring Boot/Java, ASP.NET /C#, RESTful APIs, PHP (*plain, Laravel & CodeIgniter*), Node.js/ Express.js/ JavaScript, & Python (*FastAPI, Flask & Django*).
- server administration with Apache, Nginx, IIS, cPanel, & VPS (including AWS, Azure, & Digital Ocean).
- Proficient with cloud deploys to AWS, Azure, GCP, Digital Ocean, Linode, & Apache web servers. Experienced with unit tests, CI/CD, Git, and code branching & restores. Knowledgeable of multiple design patterns, MVC, OOP, ORMs, estimating, documentation, and development best practices.
- Experienced with programming using multiple languages, primarily SQL, JavaScript, Java, Python, PHP, & C#.
- In depth skills with SQL, database modeling, JSON, PDOs, ORM, ODM, including Hibernate, Sequelize, and Entity Framework. Over 17 years T-SQL & MS SQL Server development. Built database solutions involving T-SQL queries, stored procedures, functions, triggers, SSRS reports, SSIS, & ETL. Built multiple data solutions utilizing MySQL, MongoDB (*No-SQL*), PostgreSQL, Oracle, and SQLite databases.
- 6 years BI Data & Report Development using Tableau, Microsoft BI, Microsoft SQL Server, SSRS, & MS AX.
- Extensive troubleshooting and problem resolution skills. Experienced with scoping, budgeting, communication, reporting, and time & resource estimation for agile projects. Strong documentation, presentation, business analysis, and IT project co-ordination skills. Proficient with PMI & PMBOK project management framework.
- Proficient with Windows, Mac, and Linux (*Ubuntu/ Linux Mint, Rocky Linux, Kali, & Zorin*). Proficient graphic designer with Canva, Inkscape, Pixlr, GIMP, & Adobe Express.

### **Career Highlights & Professional Experience**

*Scotiabank ~ Cloud & Application Security Architecture – Oct 2024 – present – **Java REST API Security Engineer***

- Developing REST API design best practices & policies. Audit & vetting bank API inventory worldwide. SAST & DAST Testing. OWASP review. Multiple SaaS cloud based security tools, including Checkmarx, Synopsis Black Duck, Google GCP, NoName, Akamai, and Azure.

*Numeris Inc. – Aug 2021 – Aug 2024 – **Senior Software Engineer***

- Full cycle web application development & testing using React.js, Angular, Spring Boot, Java, PHP, Node.js, C#, ASP.NET, Python (*Django & FastAPI*), SQL, HTML, JavaScript, CSS, & CSS frameworks (Material UI, Bootstrap, Bulma, & Tailwind CSS/ Daisy UI). Cloud security testing with Acunetix, BlackDuck, & Checkmarx.
- Extensive SQL development, migrations, testing, & optimization (via Oracle, P-SQL, PostgreSQL, MySQL, T-SQL, & MS SQL Server) for multiple web apps & legacy solutions.
- Development of Reports & BI Reports using Tableau, SQL, MS SQL Server, Oracle, MySQL, JSON, & CSV.
- Extensive systems analysis, design, & documentation for several corporate applications. Strong skills with Git, GitHub, SourceTree, CI/CD, TDD, Docker, Kubernetes, AWS deploys, Confluence, Jira, Miro, & MS Teams.

*Vanguard Web Solutions Inc. (incorporated contractor) - Nov 2014 – Aug 2021 – **Full Stack Web Developer***

Multiple clients including Scotia Bank (*twice*), TD Securities, LS Travel Retail North America, & The Marketing Store.

- **Bank of Nova Scotia** (*Jan – Apr, & also Sept 2020 – Aug 2021*) Web application development using React.js/ Redux/ Hooks/ React Router / JavaScript, Angular, Spring Boot & Java, REST API, Figma, CSS & custom Scotia CSS Framework, JSON, TDD, PL/SQL, T-SQL, testing, Git, & front-end development for a Caribbean banking product, a mortgage workflow tool, and a secure file transfer & archival tool.
- **Artisan Web Coders** (*Aug 2017 – Mar 2019, & Oct – Dec 2019*). Web application analysis, design, development, testing, & deployment using multiple back-end technologies including ASP.NET & C#, Node.js & Express, RESTful APIs, PHP, Python & Django, Spring Boot & Java. Front-end development with HTML5, CSS, JSON, React.js (*including Hooks, Redux, React Router, & Jest testing*), Angular, Vue.js (*including Vuex & Vue Router*), and JavaScript.
- **TD Securities** (*April – Jul 2017*) Programmed a securities data feeds import/export & processing database solution, & coded automation utilities with Python, MS SQL Server, VBA, C#, Java, and T-SQL.
- **The Marketing Store** (*July – Aug 2015*) Data transforms & ETL using Python, MySQL, C#, SQL Server, & Tableau.
- **LS Travel Retail** (*Oct 2014 – May 2015*) Programmed a C# & MS Dynamics AX POS solution, its database & reports.

- **Freelance** (*Ad-hoc, & May – Sept 2020*) - web development using Spring Boot, Java, PHP 7, Node.js, SQL, REST APIs, Vue.js, React.js, C#, ASP.NET, Flask, JSON, Drupal, WordPress, MySQL, PostgreSQL, CSS, HTML5, Django/ Wagtail, Bootstrap, Bulma CSS, AWS, Azure, GitHub Actions, CI/CD Pipelines, TDD, & custom graphics.

*Regional Municipality of Peel (Learning Assignment Contract) – April – Sept 2019 ~ Assistant - Special Events*

- Coordinated the 2019 Public Works Annual Staff Appreciation Barbecue project, successfully planning and delivering on time within budget and to target. Python automation scripting. Assisted the successful delivery of the annual 2019 Peel Children's [Water Festival](#) which over 6 days hosted 5,790 elementary school children to educate via 64 booths. Aided the coordination of 906 high school volunteers & other stakeholders.
- Booth representative at assorted festivals and events, to promote assorted Public Works outreaches. In June – July 2019, presented briefly and individually to 910 people at 9 events. On-site presentations, public speaking, liaison, facilitation, and assisting & delivering FAQs & Info Sessions.

*Regional Municipality of Peel (Part time & Ad-hoc) – Aug 2002 – Feb 2025 ~ Emergency Services Dispatcher*

- Dispatched after hour emergencies. Liaises with Public Works, emergency services, Fire Dept, Police, & medical services. Expert level skill with radios, monitoring systems, dispatch equipment, and dispatch software.

*Venngo Inc – Sept 2015 – Dec 2016 – Senior Web Developer ~ PHP & React.js environment.*

*Hammond Power Solutions – Jul 2013 – Oct 2014 – Senior Dynamics AX/ Axapta Report Developer ~ C#, AX, & SQL*

*Navantis Inc. - Sept 2011 – July 2013 – Application Support Analyst & Senior Developer – OCAS Project*

- Web application development using ASP.NET, C#, Java & J2EE, MS SQL Server, C#, PHP, Node.js, Django, Python Flask, Oracle, MySQL, SQL, HTML, JavaScript, CSS, PostgreSQL, Azure, IIS & Apache. SQL Server, NET development, & administration. SonarQube & Acunetix SAST testing, penetration testing, & assessments.
- Software development using C#, Python, Java, SQL, PHP, SQL, & JavaScript. Managed documentation project, led multiple systems deployments & agile sprints for small team
- Systems analysis, requirements elicitation, documentation, & programming for the [OCAS](#) college application portal, including coordinating 3 feature upgrades, 6 systems deployments, and managing 1 local & 3 off shore Team Members. Resolved a failing database backup issue by coordinating 7 internal consultants, and Tier 3 Microsoft support. Managed the eventual deployment, which required 13 persons from the client corporation.
- Application development & customization using MS Dynamics AX, Dynamics CRM, and T-SQL.

*Xerox Canada April 2010 - Feb 2011 - Application Consultant – ODM Project ~ Java, Python, C# & SQL projects*

*City of Toronto - Social Services - May 2009 - April 2010 – Senior Developer/ Technical Coordinator – LMIS Project*

- Analysis & development for the [TELMi](#) comprehensive [labour market](#) information web portal. Delivered project on time and to budget despite a [strike](#) lockout. Scheduled & delivered 16 marketing & technical presentations to varied SMEs & management groups over 11 months. Java, J2EE & PHP codebase.

*CanWest Digital Media - Mar 2007 - May 2009 - Systems Integrator/ DBA*

- Web application & database development for 17 sites (*using C#/ASP.NET, Python Django, Java, JavaScript, Flash, MySQL, SQL Server, T-SQL, PostgreSQL, SDLC, PHP, CSS, & HTML*) to [OWASP](#), [AODA](#), & industry best practices. Systems analysis, site testing, and deployments for the 17 [CanWest](#) sites & portals. Built & maintained custom micro-sites & templates. Security hardening, auditing, penetration testing, & response management.
- Wrote business requirements, analyzed security logs, documented processes, and provided technical support. Documented requirements, inspected security logs, reviewed processes, and provided support.
- IT project coordinated the innovative and new “Map Your Way” web application pilot project, including negotiating vendor terms, purchasing hardware & software, coordinating the work of temporary staff.

*City of Toronto – PPFA dept. - April 2003 to Dec 2006 Business Systems Integrator (multiple contracts, 5 roles, & 3 managers)*

- Web application development, systems deployments, database programming, server administration, & technical support using primarily SQL (*T-SQL & PL/SQL*), Java, C#, ASP.NET, PHP, Python, CSS, JavaScript, & PHP2Exe.
- Systems integration & project administration for a systems upgrade project which deployed 1,306 PCs to 24 locations. Coded systems inventory, deployment, and automation scripts in Python & C#. Managed the subsequent systems inventory & decommissioning project. Departmental representative for the IT Standards Committee. Managed departmental IT purchasing. Managed all project communication for the TELS computer upgrade project, delivering 21 of 24 TELS site projects on time, within budget and to scope.

*Office of Utilities Regulation* - Aug 2001 – Jan 2002    **Systems Administrator / IT Coordinator**

*Inter-American Development Bank* – **Information Systems Coordinator**

*Non Traditional Skills Training Project* (Sep 2000 – Jul 2001) & *Work Force Development Consortium* (Jan 1997 – Jul 2000)

- Systems analysis, design, application development, and database admin for a labour market information system & and for a training management system across 4 Caribbean countries. Built a 17-course computer based training (CBT) system, available via disk & Intranet, for literacy & trades skills training.
- Business analysis and IT project management for 9 projects over 3 years, delivering 8 projects on scope, on time, and under budget. Managed the creation and launch marketing for 4 new IT products, and the redesign of a 5th, resulting in a 13% increase in corporate sales. Managed a 6-person IT team, & all project budgeting, scheduling, documentation, & communication. Successfully led, managed, and delivered two Y2K mitigation projects. Re-designed our software training classes to become the 2nd most profitable product.
- Delivered 17 presentations for television, radio, & newspaper, including 9 live broadcasts, and 19 seminars, marketing & conference presentations over 14 months. Developed multiple database solutions & migrations.

*Jamaica Stock Exchange* - Jun 1995 – Jan 1997 - **Accounting Officer**

- Financial analysis, accounting, payroll, & project coordinated the annual stock exchange yearbook.

### **Education & Professional Development**

- Bachelor of Science (Honours) - Management Studies. University of the West Indies (Mona) - June 1994.
- PMI Project Management Professional (**PMP**) certified - (ID #1279784) – June 2009
- Google GCP Associate Cloud Engineer certification
- ISC2 CISSP (Certified Information Systems Security Professional) – pending May 2025
- AWS Certified Cloud Practitioner. Pursuing AWS Certified Solutions Architect certification, pending June 2025.
- **ITIL** Foundation - IBM Canada - June 2007
- Microsoft **MCTS**: SQL Server 2008 Administration, & MCTS 2005 Admin. Microsoft **MCP** certified (# 11729851) in Windows servers, and Networking.
- Currently pursuing [TMI DTM](#) (Distinguished Toastmasters) communication certification – pending March 2026
- Certificates - University of New Orleans. Strategic Human Resource Management.
- Certificates - University of New Orleans. Superior Customer Service
- Microsoft BizTalk Server 2010 Administration (MS Course # 2978) - CTE Solutions.
- Related certificates: Association of Accounting Technicians (AAT) - Level 2.
- Certificate - Investment & Securities - Jamaican Institute of Management.
- Certificates in e-Commerce, JavaScript, web development, Visual Basic programming, and computer networking.

### **Professional & Volunteer Affiliations**

- Toastmasters International (*Public Speaking, Communication, & Leadership promotion educational non-profit*)
  - District 123 ~ **Public Relations Manager** [2024-2025](#) (4<sup>th</sup> highest District position) – leads a team of 11.
  - Project Implementation Lead ~ District 123 [Conference 2025](#) Planning Team
  - District 60 ~ **Area Director** [2023-2024](#) – Area B21
  - Assorted leadership roles across 3 clubs, including VP Membership, VP PR, & Sergeant at Arms.
  - Division C Speech Winner 2022-2023 in Table Topics, Evaluation, & International Speech Contests
- Volunteer Web Trainer/ Hackathon Coach – [BlackBoysCode.org](#) – Toronto chapter ~ July 2017 – Aug 2022.
- Squadron Sponsoring Committee - 892 [Snowy Owl](#) – Air Cadet League of Canada ~ August 2015 – June 2019.
- Technical Administrator – PMI-SOC Volunteer Management Team (2009 – 2011)
- Committee member – PMI Southern Ontario [Chapter](#) -Volunteer Management Team (2009 – 2011)
- Web Master – [PMI-SOC](#) Volunteer Management Team (2009 – 2010)
- Member – Toastmasters (Districts [123](#) & [60](#)) ~ [Project Managers](#) United Toastmasters, [Creative Writers](#) Guild, & D60 [Advanced Leadership](#) clubs
- Member – PMI Southern Ontario Chapter (Toronto) - Project Management Institute (2009 – present)
- Member – [Lakeshore chapter](#) (Mississauga) - Project Management Institute (2009 – 2019)