

## Senior Full Stack Applications Developer

Experienced and enthusiastic to help grow smaller organizations to full potential. Highly agile, goal oriented professional with expertise in software development, teaching, leadership and technology support. Entrepreneurial with a belief in community and utilizing people, software and processes enabling better, faster, and more cost-effective performance. A skilled and versatile problem solver with a special ability planning and building new systems to streamline organizational challenges to achieve business objectives and results.

Expertise: •Developing web assets •Building complex applications •Team building •Technology instruction • Mentoring

## Technologies and Skills

Platforms:	Full Stack Web, WordPress, React, Angular, JQuery, Node.js, Electron.io
Languages:	HTML, CSS, PHP, JavaScript, ES6, C/C++, Perl, Python, Java, Visual basic, Shell Scripting (Bash, PowerShell)
Databases:	MySQL, PostgreSQL, SQLite, MSSQL
Web servers:	Linux Apache or Nginx, Window Server IIS or Apache
Web Services:	Amazon AWS technologies such as EC2, S3 Route53 and Lambda.
APIs:	Google Fonts, SalesForce, Slack, Five9, Connectwise, SNMP
Administration:	Linux (Debian, Ubuntu, Redhat), Windows Server (including Small Business and Exchange), Windows desktops
Networking:	Understanding of the network layers and configuration and troubleshooting using Cisco, Cyberoam, Watchguard
Business:	Client and staff training and mentoring. Quoting and project design. Business process development.

## Experience

**Wiley Solutions, Owner**, Toronto, ON

September 2012 – Current

Wiley Solutions provides custom application development and API integrations for the web applications for clients of any all sizes.

- Created a system for managing WordPress sites, including:
  - Monitoring system to monitor the status of WordPress web sites, including versions, backups and updates improving site security and operational insight.
  - Automation system which reduced initial setup time for a WordPress site from an hour to 5 minutes
  - Reporting system to automate client and internal reporting
- Developed line-of-business software for a leading telemarketing firm which reduced the time spent on client reporting from 5 hours a day to an hour per week. Created Invoicing automation module resulting in improved cash flow. Created staff management module, reducing timesheet and payroll errors by 50%
- Built survey framework and 10 sites for public consultation which allowed 10,000+ people to have their voice heard with 100% uptime.

**10up, Web Engineer**, Remote

January 2017 – June 2017

10up is an industry leader in creating finely crafted websites and tools using WordPress

- Developed well-articulated written, maintainable code for WordPress projects for enterprise sites
- Construct plans and time estimates for client projects
- Participate in code reviews to improve the quality of code

**Sheridan College, Part Time Instructor**, Oakville ON

January 2015 – August 2016

Sheridan College is a leading post-secondary institution with 23,000 full time students and three campuses

- Accountable for improving the learning outcomes for 800+ students
- Devised an automated testing system to reduce the instructors' marking time from 10 hours per week to 30 minutes resulting in increased student learning time

**TDCNet Inc., Owner and Chief Technical Officer**, Toronto ON

November, 2005 – August, 2012

TDCNet is an industry leading managed services provider specializing in supporting the technical infrastructure of small to medium businesses

- Owned and grew business from 2 to 11 employees
- Built ADSL internet provider, including Web and Mail Hosting solutions initializing revenue from \$0 to over \$100,000
- Expanded revenue source from 3% hardware sales to high margin 20%+ managed services products
- Advised 30+ businesses using metrics to improve reliability and security of sites
- Managed team of 6 IT support specialists and technology for 35 client offices
- Designed and built round-trip mail testing system to stop 100% of mail exchange issues from being missed
- Redesigned and relocated a client datacentre with enterprise network supporting more than 100 remote locations (Cisco VPN connections), with minimal downtime and documented measurable improvements in reliability

## Community

**Organizer and A/V Lead:** WordCamp Toronto 2017, Toronto ON

Create open source software to convert raw video to edited video for upload. Reducing time spent from 40hrs to 2-3hrs

**Volunteer Video Editor:** WordCamp Rochester 2017, Rochester NY, US

**Speaker:**

- WordCamp Milwaukee 2016, Introduction to WP-CLI, Milwaukee, Wisconsin, US
- WordCamp Sarasota 2015, Case Study: Using WordPress in our Classes, Sarasota, FL, US
- WordCamp Milwaukee 2015, Top 10 WordPress Hacks, Milwaukee, Wisconsin, US
- WordCamp Toronto 2015, Introduction to WP-CLI, Toronto, Ontario, Canada

**Nominated:** Premier's Award, 2008 for Business Leadership, Seneca College

## Education

**Bob Rumball Centre for the Deaf**, Toronto ON  
Sign Language Training. Completed ASL Level 2

April 2012 – August 2014

**Seneca College of Applied Arts and Technology**, Toronto ON  
Computer Engineering Technology with Honours

September 1996 – December 1999