

# Stephen Davis

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<https://visda.ca/>

## EXPERIENCE

### Senior Software Developer, **Focus21 Inc.**

Kitchener, Ontario, Canada — Current

- Travel out of the country to engage with clients in planning and requirements gathering sessions leading to a better overall understanding of requirements amongst the development team and increased trust and confidence from the client.
- Mentor and onboard new developers including administration tasks such as asset management and system permissions
- Developed an application for EHR systems using SMART on FHIR
- Helped simplify infrastructure and deployments using Terraform.

### Senior Software Developer, **Postmedia I/O**

Kitchener, Ontario, Canada — 2017 - 2019

- Kafka, Redis and AWS were used to ingest millions of points of advertising data from many sources.
- Responsible for metrics ingestion and data analytics team.
- Perform metrics analysis and predictive analytics calculations on millions of data points.

### Software Developer, **OpenText**

Waterloo, Ontario, Canada — 2015 - 2017 + 8mo Coop

- Create and maintain OpenText Core, a cloud based enterprise grade distributed file sharing system.
- Acting SCRUM Master for my team when the need arose.
- Worked with top architects to create and implement the first Core microservice “tagging” using Kafka and Cassandra.
- Bridge the gap between UI testing and integration testing by writing a JavaScript REST API interface for Selenium IDE

### Software Developer, **Linamar**

Guelph, Ontario, Canada — 2012 - 2013 + 8mo Coop

- Interface a dot matrix barcode scanner and a hip printer saving innumerable man hours.
- Converted an application from classic ASP to .NET improving the performance and user friendliness of the application.
- Designed and developed an employee project tracking system to increase visibility for upper management.

## SUMMARY

I enjoy learning new things and dabbling in my spare time. I really enjoy putting my skills to use for the benefit of others such as the Sanctuary Refugee Health Center project (detailed in Projects of Interest).

## LANGUAGES AND TECHNOLOGIES

- JavaScript, Node.JS, React w/ Redux, Express
- Working knowledge of Python, C, C#, and Java
- OAuth2, JWT, App Frameworks like Express
- Static typing using TypeScript
- MongoDB, PostgreSQL, SOQL (Salesforce Integrations)
- Docker, Git, Github/Gitlab, AWS, CircleCI, Terraform

## APPLIED SKILLS

- Experienced in front line work with customers and clients such as requirements gathering and project planning
- SCRUM/Spiral and EOS Trained
- Testable functional programming
- Adept in learning new technologies, techniques, methods and accepting criticism
- Experience with microservices and creating maintainable integrations between systems

## EDUCATION

### Conestoga College 2009 - 2013

- [Software Engineering Technology](#)
- Academic Awards: Distinction, Dean's List

## PROJECTS OF INTEREST

<https://github.com/iamstevedavis>

- <https://github.com/SanctuaryRefugeeHealth/>
  - Send SMS appointment reminders to refugees in their native language using Twilio.
- <https://github.com/iamstevedavis/happy-birthday>
  - Automatically send Happy Birthday SMS to Google contacts using Twilio and AWS Lambda
- <https://github.com/iamstevedavis/iot-pi-temp-humidity>
  - IoT: Monitor temperature and humidity of my house in Python, delivering the data via websockets and a REST API. Utilized DHT22 module.