Stephen Davis

"T" developer with a preference for hardware and backend.

Email   steve@visda.ca

Website   https://visda.ca

GitHub   https://github.com/iamstevedavis

EXPERIENCE

Software Developer, OpenText
Waterloo, Ontario — Nov. 2020 - Ongoing

- Developed a WOPI service in CloudFoundry for viewing and editing Microsoft documents

Consultant/Freelance, Visda
Cambridge, Ontario — July 2020 - Ongoing

- UP55A Controller Programming
- DSC1832 installation and programming
- General IT bootstrapping including G Suite and website setup
- Full stack development

Software Developer, Focus21 Inc.
Kitchener, Ontario — Jan. 2019 - Aug. 2020

- Various Team Lead, Management, PM and Admin tasks.
- Travel abroad to engage with clients in planning, requirements gathering and architectural design sessions leading to increased trust and confidence from clients.
- Developed EHR systems using SMART on FHIR.

Software Developer, Postmedia I/O
Kitchener, Ontario — Mar. 2017 - Dec. 2018

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

Software Developer, OpenText
Waterloo, Ontario, Canada — Oct. 2013 - Mar. 2017

- Created metadata tagging service using Kafka and Cassandra
- Focused on high availability, high consistency distributed file sharing systems
- 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 — Sept. 2011 - Oct. 2013

- Interface a dot matrix barcode scanner and a hip printer
- Converted an application from classic ASP to .NET
- Created an employee project tracking system

SPOTLIGHT

- https://github.com/SanctuaryRefugeeHealth/
  - Send interactive SMS appointment reminders to patients in their native language using Twilio.
- https://github.com/iamstevedavis/happy-birthday
  - Automatically send interactive 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.

LANGUAGES AND TECHNOLOGIES

- JS /TS, Node, React w/ Redux
- Python, Working knowledge of C, C#, and Java
- DevOps (Pipelines/Actions, AWS, Basic Terraform/Docker)
- CloudFoundry (app deployment/manifests, shared services)
- Redis, MongoDB, PostgreSQL, SOQL (Salesforce)
- SonarQube, BlackDuck, Fortify
- Gatsby

APPLIED SKILLS

- Experienced in front line work with customers and clients
- 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, Advanced Diploma 2009 - 2013
- Software Engineering Technology (Coop Stream)
- Academic Awards: Distinction, Dean's List