Stephen Davis

Software Developer

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EXPERIENCE

Full Stack Software Developer, Focus21 Inc.
Kitchener, Ontario, Canada — Current

- Developed treatment and billing applications for processing patient data and predicting outcomes using Node.JS, React.
- Interfaced with existing health care standards resulting in broad market reach and successful client uptake.
- Simplified infrastructure and deployments by using Terraform to create predictable and reliable environments.
- Traveled out of the country to meet with clients for brainstorming and planning sessions.

Senior Software Developer, Postmedia I/O
Kitchener, Ontario, Canada — 2017 - 2019

- Designed platform for aggregating data across multiple advertising sources solving a common complaint among customers who purchase advertising.
- Integrated Kafka and AWS services to ingest millions of records from Google and Facebook ensuring performance and reliability.
- Optimized MongoDB aggregations by multiple factors resulting in timely delivery of key statistics and predictions to customers detailing their advertising dollars.

Software Developer, OpenText
Waterloo, Ontario, Canada — 2015 - 2017 + 8 month coop

- Developed OpenText Core, a cloud based enterprise grade distributed file sharing system.
- Took on the role of scrum master for my team when the need arose.
- Helped create and implement the first Core microservice "tagging" using Kafka and Cassandra to ensure optimal uptime of the application in production.
- Bridged 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 + 8 month coop

- Produced an application to interface dot matrix barcode scanners and a hip printers in C++ saving innumerable man hours for production line staff.
- Converted slow application from classic ASP to .NET improving performance and user friendliness.
- Designed and developed an employee project tracking system to increase visibility for upper management.

SUMMARY

An enthusiastic software developer interested in delivering great software and advancing my leadership abilities.

LANGUAGES AND TECHNOLOGIES

- JavaScript, Python, Node.JS, React w/ Redux
- Also familiar with C++, C#, and Java
- OAuth2, JWT, App Frameworks like Express
- MongoDB, PostgreSQL
- AWS, SQS, SNS, Lambda, Docker, CircleCI, Terraform

APPLIED SKILLS

- Experienced in front line work with customers and clients
- Proficient in gathering requirements and project planning
- Trained in agile and scrum in a large corporate structure
- Testable functional programming
- Quick in accepting new technologies, methods and designs
- Experience with Amazon Web Services and microservices

EDUCATION

Conestoga College 2009 - 2013

- Software Engineering Technology
- Academic Awards: Distinction, Dean's List

PROJECTS OF INTEREST

- https://github.com/iamstevedavis/earth-view-with-google-downloader
  - Download all images from earth view with google.
- https://github.com/iamstevedavis/happy-birthday
  - Automatically send Happy Birthday to contacts using Twilio and AWS Lambda
- https://github.com/iamstevedavis/iot-pi-temp-humidity
  - IoT: Utilized my Raspberry PI to monitor temperature and humidity of my house with in Python delivering the data via websockets and a REST API. Utilized DHT22 module.
- Various other react websites and projects on my GitHub!

GitHub

https://github.com/iamstevedavis