


Nathaniel Nation

software engineer |     developer


contact


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timezone

Easter Standard Time
(EST)
UTC/GMT -5

languages

English (first)
Spanish (learning)
Klingon
Jamaican Creole
(informal)

nationality

Jamaican

programming

C#, HTML, CSS,
JavaScript, Embedded
C/C++, Java, MSSQL,
MySQL, NoSQL.

experience

2014–Present **Management Control Systems Ltd**

Kingston, Jamaica (Onsite & Remote)

Lead Software Developer

- Technology Lead & Project Lead for various project.
- Scrum Master, oversee and manage a development team.
- Design, develop, enhance, and maintain web-based, mobile desktop and POS applications & solutions.
- Key stake holder in the use of software architectural design patterns (n-tier, onion, DDD) and conduct code reviews.
- Lead troubleshooting, diagnostic and analytics exercises.
- Guide in Test Driven Development, conduct and assist in integration testing.
- Work close with a variety of end users to ensure technical compatibility and user satisfaction.
- Provide consultancy to partner and associated companies.

2011–2014 **Management Control Systems Ltd**

Kingston, Jamaica (Onsite & Remote)

Software Developer

- Develop, Maintain and support regional (Caribbean) Electronic Top-Up Systems.
- Write Embedded C code for maintaining VeriFone & Pinpos POS Terminal and server Host Application.
- Implement web portals using C#, Microsoft ASP.NET, HTML, CSS, JavaScript.
- Design & implement web services used by Electronic Top-Up systems in C#, Microsoft ASP.NET.
- Develop cross-platform mobile application using PhoneGap.
- Designed & troubleshoot MSSQL databases and constructed complex queries, functions and triggers.
- Automate processes using SQL Server Integration Services (SSIS).
- Develop reports using SQL Server Reporting Services (SSRS).
- Interpret business requirements, outline features, user stories and tasks for development.
- Prepare test plan, test cases, user and technical documentations for systems and solutions.
- Conduct brainstorming sessions for research and development, and presenting these new ideas to the company's directors.

Summer of 2010 **University of Technology, Jamaica**

Kingston, Jamaica (Onsite)

Software Specialist

- Provide input and recommendations surrounding hardware and software technologies to be used by the university.
- Develop and monitor performance levels of software and hardware and evaluate, recommend, and propose alternative methods of information.
- processing. Assist with the troubleshooting, installation, and implementation of systems.
- Help put processes in place to maintain a stable network environment.

education

- 2007–2011 **Bachelor** of Science The University of Technology, Jamaica
Computing & Information Technology
- Major > Enterprise Computing
- Minor > Decision Science and Multimedia
- 2005–2007 **Pre-University Diploma** St. George's College, Jamaica
Computer Science & Pure Math

technological skills

Languages:

- **Proficient:** C#, HTML, CSS(Bootstrap, SASS/SCSS & LESS), JavaScript, Embedded C & C++, Java.

Software:

- **Database:** Microsoft SQL Server(Database design, SSIS, SSRS), MySQL, MongoDB and SQLite
- **Platforms:** Windows, Windows Server, Linux, Mac OS X
- **Familiar with testing frameworks:** NUnit, XUnit, Jasmine, Karma, Protractor
- **Other technologies:** GitHub, Visual Studio, npm, Node.js, Gulp, ExpressJS, MongooseJS

Development Framework & Library:

- **Microsoft:** .Net, .Net Core, Entity Framework
- **Mobile Cross-platform:** Ionic, PhoneGap or Apache Cordova.
- **Front End Web:** AngularJS, Bootstrap, JQuery Library, Bower

Multimedia Tools:

- Gimp, Adobe Fireworks and Flash

active side projects

- Solution for data mining and analysis for Jamaican Stock market
- Cryptocurrency analysis and mining
- Commuting/Transportation application
- H2O run car on water

notable past clients

- Top-Up Distribution Companies
- Banking and Financial Sector Companies

achievements

Certificates:

- July 17, 2017 **Server-side Development with NodeJS**
The Hong Kong University of Science and Technology on Coursera

June 14, 2017 **Multiplatform Mobile App Development with Web Technologies**

The Hong Kong University of Science and Technology on *Coursera*

April 25, 2017 **Front-End JavaScript Frameworks: AngularJS**

The Hong Kong University of Science and Technology on *Coursera*

March 20, 2017 **Front-End Web UI Frameworks and Tools**

The Hong Kong University of Science and Technology on *Coursera*

February 8, 2017 **HTML, CSS and JavaScript**

The Hong Kong University of Science and Technology on *Coursera*

New Harbour Village III Benevolent Society:

- **Appreciation Award 2016** In recognition of commitment and dedication community
- **Recognition Award 2016** In honor of commitment and selfless dedication towards the security of the community

Management Control Systems:

- **Employee Of The Year** (December 2015) In Recognition of Outstanding Contribution
- **Service Excellence Award** (December 2015) In Recognition of Outstanding Customer Service Performance

Proyectalis:

- **Agile Software Delivery and Management Training** (May, 2014) by Lead Consultant Angel Medinilla

VeriFone Systems Incorporation:

- **Verix Application Developers Certification** (September 2011) Successfully completed Vx eVo application developers training.

Microsoft Corporation:

- **Certified Participant in Windows Virtual Communities** (March 2011) Satisfactorily completed the training with Microsoft Partners in Learning

voluntary service

The University of Technology, Jamaica:

- **Chairman of Sapna's Advisory Board** (September, 2013 –2015)
- **Cofounder Of Sapna** (yr. 2010). The University's core programming team that develops applications and engages in software competition locally and internationally.
- **Chairman** (yr. 2008 –2010), University of Technology, Jamaica Student Chapter of the Association for Computing Machinery (**ACM**).

New Harbour Village III Benevolent Society

- Consultancy - Community Technology integration, Safety & Security, Beautification

National Youth Service

- yr 2004 Representative to Jamaica at the 29th Regional Conference of the Caribbean, the Americas and the Atlantic Region of Commonwealth Parliamentary Association

online profiles

My online community activities:



Channel9: <https://channel9.msdn.com/Niners/nnation>



Github: <https://github.com/nnation>



StackOverflow: <https://stackoverflow.com/users/1350391/nation>



StackExchange: <https://stackexchange.com/users/1427200/nation?tab=accounts>



Twitter: <https://twitter.com/NathNation>



Linkedin: <https://www.linkedin.com/in/nathaniel-nation-5645642a/>



Skype: @nathan406

interests

professional: Solutions development (web, mobile & desktop), embedded development, automation, project management, R&D, idea brainstorming, application architecting, security, training, site searching, computer and social networking, blockchain technology, computer hardware
personal: hiking, swimming, basketball, audio books, music, books, podcasts, DIY projects, tech news, reading news paper, investments (stocks & bonds, cryptocurrency).

useful assets

- United States Non-Immigrant B1/B2 Visa
 - Bank of America Account
 - Driver's License
 - Sense of Humor
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