


# Nathaniel Nation

software engineer I     developer

## contact

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Email   
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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.

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## education

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|-----------|--|---------------------------------------|
| 2007–2011 | <b>Bachelor</b> of Science<br><i>Computing &amp; Information Technology</i><br>- Major > Enterprise Computing<br>- Minor > Decision Science and Multimedia | The University of Technology, Jamaica |
| 2005–2007 | <b>Pre-University Diploma</b><br><i>Computer Science &amp; Pure Math</i>   | St. George's College, Jamaica         |

## 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 against Jamaican Stock market
- Cryptocurrency analysis, trading and mining
- Commuting/Transportation Solution

## achievements

### VeriFone Systems Incorporation:

- **ADK Application Developer Certification** (November 2017) Successfully completed ADK on VOS/VOS2 application developers training
- **Verix Application Developer Certification** (September 2011) Successfully completed Vx eVo application developers training.

### New Harbour Village III Benevolent Society:

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

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### **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

### **Microsoft Corporation:**

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

## **voluntary service**

### **New Harbour Village III Benevolent Society**

- **Consultancy** (June 2016 - Present) - Technology Integration, Security & Beautification
- **Internal Security Patrol** (September 2016 - Present)

### **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**).

### **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>

## **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).

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