


Nathaniel Nation

software engineer |     developer

contact

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Email 
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timezone

Easter Standard Time
(EST)
UTC/GMT -5

languages

English (first)
Jamaican Creole
(informal)

nationality

Jamaican

programming

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

experience

- 2018–Present **Management Control Systems Ltd** Kingston, Jamaica (Onsite & Remote)
Senior Software Developer, Agile & Scrum Coach
- Lead Software Talent Acquisition & Development.
 - Coordinator & Supervisor for Software Development Internships.
 - Manage Software Internship RnD Projects.
 - Establish the company's Scrum Guidance Body.
 - Provide Software Development Consultancy to partners, associated companies and local University institutions.
- 2014–2018 **Management Control Systems Ltd** Kingston, Jamaica (Onsite & Remote)
Lead Software Developer, Scrum Master
- Technology Lead & Project Lead for various project.
 - Oversee and guide development team using the Scrum Framework.
 - 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.
- 2011–2018 **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.

education

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

SCRUMStudy:

- **Scrum Fundamentals Certified (SFC)** (Sep 2019).

IC Agile:

- **IC Agile Certified Professional (IC-ICP)** (June 2018).

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

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:



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



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

interests

professional: Servant leader, Solutions development (web, mobile & desktop), embedded development, automation, management, R&D, innovation, team building, training & motivating others, social networking, blockchain technologies, computer hardware **personal:** hiking, swimming, audio books, music, books, DIY projects, tech news, reading news paper, investments (stocks & bonds, cryptocurrency).
