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## FUNCTIONAL SKILLS

- New & Emerging Technologies
- A.I. API. Dev & Training
- Testing / Troubleshooting
- Optimization / Speed
- Encryption & Compression
- Data Transfer & Migration
- Programming & Designing
- Virtualization & Cloud
- Technologies Integration
- Coaching & Mentoring
- CI/CD & Automated Testing
- Conference Speaker
- Team Development
- Software development lifecycle

## TECHNICAL TOOLS

- **Platforms:** iOS, Android, Maemo/Sailfish, Windows, OSX, Linux, FreeBSD, SmartOS, DOS
- **A.I (CPU & GPU):** llama, OpenAI, Mistral, Phi, Gemma
- **Languages:** C, C++, C#(.NET), ObjectiveC, C++ Builder, Java, JavaScript/TypeScript, Rust, HTML, CSS, Assembly, Dart, Delphi/Pascal, Clarion, PHP, ASP, Bash, Swift, Kotlin
- **Server Tools:** NodeJS, Apache, Nginx, IIS, MemCache, Bun, CouchBase, RabbitMQ, Deno, KeyBase, MySQL, MsSQL, Postgresql, SQLite, Git, SVN, Docker, Dovecot, Virtualization
- **Desktop Tools:** Visual Studio, Excel, Access, IDA, IntelliJ, PHPStorm, Filemaker, TrueCrypt, PGP, Ciphers, Crystal Reports, Open AL, Open GL, Twain, Electron
- **Mobile Tooling:** Android Studio, XCode, Ionic/Cordova, Flutter, NativeScript
- **Web Platforms:** VueJS, Svelte, NodeGui, React, Angular, QT
- **JS API:** WebXR, RTC, WebGL, WebGPU, WebUSB, WebAsm, JS Proxy

## EDUCATION/

## CERTIFICATIONS

- Microsoft MCP
- Apple Technician Certificates

# NATHANAEEL ANDERSON

Senior DevOps & Software Engineer

## PROFILE SUMMARY

Technically-sophisticated Senior Software Engineer and Programmer with over 30 years of hands-on experience using a wide variety of hardware and operating systems. Easily able to thrive in a fast-paced environments with rapidly changing directions, priorities, and requirements. Excels in a technical leadership role, building a user-facing consumer app (mobile, web & desktop) while working with cross-functional teams to align business goals with technology solutions. Author of several technical books like "Getting Started with NativeScript" and "Angular NativeScript") with outstanding written, oral and interpersonal communications skills, honed through several years of producing high-quality blog posts and multiple presentations at technical conferences.

## JOB EXPERIENCE

### SideQuest (Senior DevOps)

1 year

- Enhanced and maintained SideQuest Desktop app.
- Enhanced and maintained SideQuest Meta Quest & Pico VR App.
- Fixed issues and worked on features for website backend & frontend
- Designed & programmed WebADB to install apps from web site.

### nStudio (Co-Owner, Contract & Open source)

3 years

- Completed multiple contract works on a variety of Android/iOS applications and maintained NativeScript framework.
- Contributed software engineering expertise in the development of products through the software lifecycle, from requirements definition through successful deployment.
- Introduced best practices that enhanced product definition, release processes and customization of applications to user needs.

### StageMe (Senior DevOps)

1 year

- Developed VR (Oculus, iOS, Android) music and video experience.
- Worked on back-end API for serving content securely.

### Master Technology (CTO, Contract & Open source)

9 years

- Developed 50+ NativeScript plugins for Android and iOS (Printing, SQL, Scan, Imaging, Barcodes, etc)
- Developed reactive websites that are SEO and mobile friendly
- Mentored and trained personnel on policies and procedures regarding systems, programming and troubleshooting. Built automation for full stack deployments (Both Docker & Custom).
- Developed multi-store shopping cart system.
- Created encrypted v8 & JavaScriptCore engines.

### Kellpro, Inc.

10 years

- Served as senior DevOps on an next-generation web-based product - worked internally to completely replace the existing call center, knowledge base, project tracking, sales, payroll, H.R. and accounting systems.
- Created scalable framework for web-based robots to act like hundreds to millions of real users to stress test our web products.
- Built compatibility layers for our prior generation software to work on Windows XP, Vista, 7 & 8. (Original software was for DOS)
- Trained the entire hardware ops team on the basics of Linux and how to do the deployments of the next-generation project.