David Nimon

Principal Software Engineer

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SUMMARY

Software innovator and leader with over 10 years of full-stack, mobile, and embedded technology experience, with roles encompassing architecture, detailed design and code - usually, with a view towards developing or leveraging reusable frameworks.

EDUCATION

B.S. Computer Information Systems
Tarleton State University
📅 2014   📍 Fort Worth, TX

EXPERIENCE

MentorTek
📅 2010 - Ongoing   📍 Dallas, TX
🔗 https://mentortek.com

MentorTek is a contract development company providing software, hardware, signal processing, and data analysis resources with a vision to help shape the future of small to mid-size businesses. A sampling of my projects showcasing many architectures:

- Developed an extensive social media platform providing features for friends, groups, messaging, personal profiles, and video-conferencing coupled with document/desktop sharing.
- Managed a team of developers to build a remote patient vitals monitoring solution using cloud, mobile, and IoT architectures. The solution also supported extensive 3rd-party health system API integration, supportive of doctor to patient communication.
- Developed a migration strategy for a highly customized Shopify store from their existing 1.0 platform/themes to a new 2.0 theme. While developing this new solution, assumed responsibility for development and maintenance of their current production store.
- Served as manager, architect, and developer for an Enterprise Resource Platform (ERP), cloud focused application designed to support large hardware store inventory and Point of Sale requirements while providing an industry unique No-Code/Low-Code method of ERP user workflow creation.
- Served as manager, architect, and developer for a cloud based Content Management System designed to control remote experiential marketing media displays (managing creation and deployment of video/image playlists) along with the embedded application required for the media display units.
- Managed a team to build an MVP for the first cloud solution for online life insurance sales that provided real time underwriting, therefore facilitating an immediate opportunity to close the sale.
- Developed a framework and set of mobile applications (iOS, Android, and custom embedded) targeted for large experiential events (i.e., Super Bowl, MLB, NFL, etc). Supported onsite operations for Superbowl New York City.
- Developed a client application for a popular commercial VPN product supporting iOS and Android mobile devices along with Windows and Mac platforms - all sharing common code for UI and VPN services.
- Developed e-commerce payment gateway integrations as part of various projects, including Stripe, PayPal, CardConnect, Authorize.Net.
- Managed a team and developed a cloud service that provided a drag/drop method of creating/maintaining mobile applications, including automations for publishing the applications created by the service into the Apple and Google stores, using Fastlane for automation.

RESPONSIBILITIES

Architect, design, code, and debug new software applications

Maintain, upgrade and improve the performance of existing software

Recruit, train and supervise software engineers

Manage project client relationships and their project requirements

Contribute to and/or leverage relevant open source projects

FIND ME ONLINE

🌐 **Portfolio**
https://davidnimon.com

in **LinkedIn**
linkedin.com/in/david-nimon

SKILLS

Frameworks

| Angular & Material | Node & Express | Docker | Ionic | Laravel | Flask | React | Xamarin |

| .NET & .NET Core | Wordpress | Custom |

Services & Integrations

| AWS | Shopify | Heroku | MongoDB Atlas | Rackspace | Sendgrid | Twilio | Firebase |

| Payment Gateways | Redox & Xealth | Azure Notification Hubs | Klaviyo |

Languages

| Javascript/TypeScript | PHP | Python | C# | Java | Rust | C++ & C | Objective-C | Swift | Ruby |

| HTML & CSS |

Databases

| Postgres | MySQL | MongoDB | SQLite | ORM and Query Builders |

Project Tools

| JIRA & Redmine | Lucidchart | Slack | Mattermost | Webpack | CMake |

Development Tools

| Git | Visual Studio Code | Visual Studio | vi and nano | Eclipse | GitHub Actions | Puppeteer |

IT Administration

| Managing AWS Instances | Managing physical systems | Database management |

| VPN remote management | Small business network setup | OS GUI & Terminal |

Leadership

| Collaboration | Communication | Planning | Architecture | Training | Agile Development |

| Object Design | Self Learning |