

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

2014

Fort Worth, TX

- B.S. Computer Information Systems
Tarleton State University

EXPERIENCE

2010 - NOW

Dallas, TX

- **MentorTek**

🌐 <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, including video-conferencing with document/desktop sharing.
- Managed a team of developers to build a remote patient vitals monitoring solution. Developed 3rd-party health system API integration, supportive of doctor to patient communication.
- Developed migration strategy for a customized Shopify store from their existing 1.0 platform/themes to a new 2.0 theme. Assumed responsibility for development and maintenance of their current production store.
- Served as manager, architect, and developer for a cloud focused Enterprise Resource Platform (ERP). Provided 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 marketing media displays 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.
- Developed a framework and set of mobile applications targeted for large experiential events. Supported onsite operations for Superbowl New York City.
- Developed a client application for a popular commercial VPN product supporting iOS, Android, Windows and Mac - 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 mobile applications. Developed 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

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