

# John King

## Senior Software Engineering Manager

### Summary

Proven leader and mentor of highly successful software development teams in the banking industry focused on online banking and related services. Extensive hands-on experience in software/web development on the Microsoft .NET technology stack. Strong background in all areas of IT including over 15 years dedicated to building mission critical web applications. Focused on clean architecture and secure coding practices. Constantly researching new technologies to help meet company goals.

### Experience

**Senior Manager, Software Engineering and Services** 04/2021 – Present  
**Jack Henry and Associates – Charlotte, NC (Remote)**

- Manage a remote team of 5 – 8 engineers in an agile environment on the Treasury Management API team working within a combination of Scrum and Kanban frameworks
- The API team works with C# code building Web API projects, WCF Services, and MVC applications using .NET Framework 4.8, .NET Core 3.1, and .NET 6
- Ensure solutions and enhancements are fully tested, debugged and meet product quality standards while being delivered on-time
- Responsible for hiring, mentoring, coaching, goal setting, performance reviews, and related decisions for the team
- Attend project discovery meetings, estimate project efforts and timelines, and allocate development resources to projects
- Contribute directly by writing code and reviewing pull requests

**Software Engineer, Advisory (Staff Engineer)** 08/2020 – 04/2021  
**Jack Henry and Associates – Charlotte, NC (Remote)**

- Worked within the API team on the Treasury Management application in a team lead capacity with 5 – 8 software engineers
- Performed sprint planning for two week sprint efforts and led daily stand-up meetings
- Created technical requirements and project plans for feature enhancements and bug fixes across the Treasury Management platform
- Developed and tested applications based on business requirements and industry best practices
- Used SOLID principles to ensure testable and maintainable code
- Participated in code reviews using Azure DevOps in Git repositories
- Mentored less experienced engineers on the team
- Contributed directly by writing code and reviewing pull requests

**FULL-STACK DEVELOPER/OWNER** 04/2020 – 09/2020  
**TakeFive Engineering and Consulting – Lakeland, FL**

- Implemented Plaid API for real-time account verification of direct deposit accounts for a large payroll services provider in Florida
- Developed an open source library using C# and .NET Core 3.1 for accessing Plaid's banking APIs

**CHIEF OF FINANCIAL TECHNOLOGY**  
**MIDFLORIDA Credit Union – Lakeland, FL**

03/2020 to 04/2020

- Researched, recommended, and implemented new technology through partnerships with Financial Technology (FinTech) vendors
- Evaluated the “build vs. buy” strategy to recommend in-house or outsourced development of new projects
- Managed projects and directed resources to ensure successful project completion
- Position eliminated due to financial losses related to COVID-19

**CHIEF INFORMATION OFFICER**  
**MIDFLORIDA Credit Union – Lakeland, FL**

03/2018 to 03/2020

- Responsible for the strategic vision and direction of the IT and software development teams
- Managed the design, development, and roll-out of a new business online banking platform adding entitlements, bulk ACH transactions, and wire transfer functionality to the online services platform
- Developed concept to add TOTP and Yubikey token-based authentication to online banking services and oversaw project implementation
- Improved internal customer service, communication, change management, and project management throughout the IT and development teams
- Led the software development and IT teams through two significant bank acquisitions involving core banking system, online banking, and bill payment system merges
- Interviewed, hired, trained and mentored 35 staff by coaching daily, leading performance reviews and offering constructive feedback
- Implemented an effective change management program with peer oversight and team approvals that significantly reduced unexpected system down times

**Senior Vice President, Software Engineering**  
**MIDFLORIDA Credit Union – Lakeland, FL**

01/2008 to 03/2018

- Hands-on full-stack .NET development throughout my tenure in this position as well as in previous positions with the credit union
- Designed application architecture, conducted code reviews, and ensured that development efforts were properly aligned with business goals
- Lead architect and developer for building in-house online banking system from the ground up using ASP.NET, MVC, WCF web services, Web API, and Javascript with a MS SQL back-end.
- Developed hybrid mobile banking application for Android and iOS using Cordova, HTML, CSS, and Javascript that integrated with the ASP.NET MVC banking application
- Created application that provided real-time SMS banking transaction alerts to customers by utilizing lightweight Oracle DB triggers, a multi-threaded Windows service, and a WCF service back-end that integrated with MS SQL and Twilio messaging APIs
- Completed many credit union mergers into the online banking system by writing custom ETL scripts and stored procedures to import and map data and perform data validation

- Served as the company's primary resource for web application security, risk assessment, vulnerability/penetration testing, and compliance efforts related to this team
- Reviewed requirements, specifications and technical design documents to provide timely and meaningful feedback
- Conducted research on emerging trends within industry and capitalized on finds to develop new products, services and strategies
- Implemented a Secure Software Development Life Cycle and continuous security training requirements for all team members
- Implemented the Scrum framework for software development working in two week sprints
- Created application coding standards, procedures, and policies to ensure consistency and quality throughout development operations

## Tech Skills

C# | VB.NET | ASP.NET | MVC | WCF | Web API | .NET Framework | .NET Core  
.NET 6 | HTML 5 | Javascript | jQuery | Cordova | Ionic React | Angular | MS SQL  
Oracle | Visual Studio | Xcode | Android Studio | TFS | SVN | Git | Azure DevOps  
xUnit | MS Test | Moq | Unity Containers

## Education

**UNIVERSITY OF SOUTH FLORIDA**  
BSAS, Information Technology

**POLK COMMUNITY COLLEGE**  
AS, Networking Technology

## Links

Website: <http://imjohnking.com>  
GitHub: <https://github.com/imjohnking>  
LinkedIn: <https://www.linkedin.com/in/johnjking>