

John Paul Smithdeal

Software Engineer 3

Reliable and driven with nearly a decade of impactful engineering experience

Skills

Backend / C#, Java, MSSQL, RESTful APIs

Frontend / Javascript, jQuery, HTML, CSS, Bootstrap, Angular

Other / TFS, Visual Studio, VS Code, IIS, SSMS, Azure, Postman, CI/CD

Experience

Navy Federal Credit Union / Software Engineer III

September 2021 - Present, Remote

API Design

Lead developer responsible for the design and development of many new **RESTful API endpoints** as part of NFCU's mortgage information APIs. These endpoints handle a wide variety of request types, and allow thousands of users to retrieve and update various production account data on a daily basis. Developed in **.NET framework** using **C#**.

Mortgage Rate Pricing Integration

Worked with a team to develop NFCU's integrated mortgage rate pricing solution. This was done primarily in **C#** and utilizes APIs from third party Lender Price to provide loan pricing and rate information to members.

Mortgage Notepad Data Processing

Co-designed and developed an **Azure function app** used to receive, process, and store free-form legal documentation related to NFCU mortgages. This was developed in **C#**.

Other Experience

The above items consist of projects and experience that provide a good snapshot of the type of work I do on a daily basis. However, I have been involved in many other initiatives at NFCU as well, ranging from **refactoring old code** to **production troubleshooting** to **redesigning outdated UIs**.

DuPont Community Credit Union / Software Developer I-II

May 2017 - September 2021, Hybrid

DocuSign eSignature Integration

Lead developer for DCCU's enterprise eSignature web application. This software is integrated with both DocuSign and Jack Henry APIs, and allows users to generate and sign pre-filled legal documents electronically. This was a **full stack project** in which I designed and developed the entire solution end-to-end using **C#, Javascript, HTML, CSS, and SQL**.

ACH Stops Application

Lead developer on the DCCU web application that allows member representatives to place ACH stop payments on member accounts. This application was done in **Typescript** utilizing **Angular framework**, while also involving **C#** for backend data controllers.

Form Builder Application

Lead developer for DCCU's helpdesk ticket form suite (consists of both an administrative form-building side as well as a form-rendering side). The application was built to streamline the need for custom ticket forms, and it allows users to build consistent, tailored forms using a drag and drop format. This was done almost completely in **Javascript** and **HTML**.

Online and Mobile Banking Design

Used **CSS**, **HTML**, and **Javascript** to design the look and feel for DCCU's online and mobile banking UIs.

Education

James Madison University / B.S. Computer Science

August 2015 - May 2017

Blue Ridge Community College / A.S. Computer Science

August 2013 - May 2015

Awards

NFCU Sustained Superior Performance Award 2023

Notes

I would describe my professional experience thus far as that of a full-stack developer. I have the most experience (about 8.5 years) with backend, object-oriented development, but I also very much enjoy front-end programming and have roughly 5 years of experience in that area.

I've been involved with a predominantly Microsoft/.NET tech stack, but I'm a fast learner and am more than willing to explore other areas. Some technologies I'm **particularly interested in learning** include (but are not limited to):

- Golang
- Python
- Ruby/RoR
- React
- Docker
- Kubernetes