

Experience

Portfolio Recovery Associates - Senior Full Stack Developer Nov 2021 – Present

- Developed a high-volume payment portal using ASP.NET, JavaScript, HTML, and CSS, directly contributing to the collection of \$15 million in one month
- Led the integration of Apple Pay, streamlining checkout process and driving a 30% increase in transactions
- Optimized conversion rates by executing A/B tests on payment plans, resulting in 18% increase in revenue
- Strengthened application security by developing and implementing multi-factor authentication, ACH payment verification API and a robust Content Security Policy
- Applied Agile methodology to collaborate with Product, Design, and Engineering teams, transforming wireframes into refined, accessible digital experiences

Independent Contractor - Full Stack Developer Jan 2019 – Nov 2021

- Led a complete website and brand redesign, utilizing JavaScript to build responsive UI components from Sketch wireframes, increasing site traffic by over 30%
- Managed the full project lifecycle, ensuring technical implementation aligned with client's business goals and design requirements
- Optimized performance by implementing lazy loading, yielding a Google PageSpeed score of 100/100

Booz Allen Hamilton - Senior Systems Engineer Feb 2017 – Nov 2021

- Built a full-stack email threat analysis web application using Microsoft Graph REST API, Power Apps, and SharePoint, expediting over 50 security investigations
- Automated critical IT processes with PowerShell scripting, including cloud migration of on-premise mailboxes and server health monitoring, achieving an 80% reduction in manual staff time
- Supported and maintained the Exchange environment for a user base of over 25,000

Booz Allen Hamilton - Automated Tester Intern June 2015 – Aug 2015

- Streamlined test environment from manual to an automated process, covering 90% of tests cases
- Created front-end JUnit test cases to validate system design specifications and user requirements
- Mentored cross-functional teams on new automated test procedures, leading to their full adoption

Projects

NguyenTrav.com

- Designed and built a lightweight, modern portfolio site using Svelte and Tailwind CSS
- Employed a mobile-first strategy and ensured adherence to W3C accessibility and standards for optimal UX

Expensify

- Developed a monthly budgeting application using React-Redux and SCSS
- Integrated multiple third-party API's, Google Authentication to handle multi-user expense data

Skills

Languages: JavaScript ES6, C#, HTML5/CSS3, SQL, PowerShell, Java

Frameworks/Libraries: ASP.NET Core, Vue, React, Svelte, Tailwind CSS, Material-UI, Bootstrap, jQuery

Tools: Visual Studio, Azure, GitHub, Sketch, CI/CD, Jira, Figma, Sass, Less, Enzyme, Jest, Firebase, AWS

Education

Virginia Tech - B.S. in Computer Science focus in Human-Computer Interaction Graduated Dec 2016