

# Andrew Nguyen

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## Technical Skills

**Front-End:** HTML, CSS, JavaScript (ES6+), TypeScript, React, Next.js, Tailwind CSS, Bootstrap, Shadcn UI

**Back-End:** C++, C#, PHP, PowerShell

**State Management & Libraries:** TanStack Query, Zustand, React Joyride

**Databases:** SQL, MySQL, MongoDB, Firebase

**DevOps & Tools:** GitHub, Azure DevOps (Pipelines, Repos, Boards), Jira, Yarn, IBM Connect: Direct, XAMPP, PuTTY, TeamViewer

**IDEs & Design Tools:** Visual Studio, Visual Studio Code, Whimsical

**Office & Collaboration:** Microsoft Office (Word, Excel, PowerPoint, OneNote), SharePoint

## Project Experience

### **CodeLink - Web Application Onboarding Tutorial**

Frontend Developer

December 2024 – January 2025

- Designed and implemented a guided onboarding process using React Joyride, providing step-by-step instructions to improve user navigation and feature discovery.
- Customized and optimized the onboarding library to align with project requirements, ensuring smooth transitions and a user-friendly interface.
- Focused on delivering an intuitive onboarding journey by combining the power of React, Next.js, and Tailwind CSS to create a cohesive and visually appealing application.

### **General Motors - Deployment and Automation Pipeline**

June 2024 – August 2024

Backend Developer

- Designed YAML pipelines to automate script execution for software installation on targeted servers, ensuring precise deployment of specified software versions.
- Scoped out and automated manual processes, leveraging automation tools to minimize errors and enhance operational efficiency.
- Integrated version control using Azure DevOps and GitHub, facilitating accurate software versioning and maintaining consistency across server environments.

## Education

**University of Houston Downtown**, Houston, TX

Bachelor of Computer Science,

June 2016 – August 2020

**Honors:** Magna Cum Laude, Dean's List Fall 2019

## Work Experience

**CodeLink Limited**, Hong Kong

December 2024 – Present

Software Developer, Frontend

- Develop and enhance responsive web applications using Next.js, React, TypeScript, Zustand, TanStack Query, and Tailwind CSS across diverse, client-driven projects.
- Transform Figma designs into scalable, accessible UI components while collaborating closely with designers, QA, and DevOps teams to ensure design fidelity and user-centric functionality.
- Drive collaborative development through GitHub pull requests, actively performing peer code reviews and ensuring timely completion of user stories and tasks with each agile sprint cycle tracked in Jira.

**General Motors**, Austin, TX

April 2022 – August 2024

Software Engineer, Full Stack

- Redesigned legacy HMI screens and in GE CIMPLICITY using CIMEEdit, implementing standardized, code-based layout templates for Andon boards with reusable objects (alarms, messages, metrics), and restructured SQL Server plant data models to support scalable, maintainable screen updates across future deployments.
- Collaborated with senior developers to design and maintain Azure DevOps YAML pipelines for automated plant configuration for VMware environments, reducing manual plant setup time from 10+ hours to 1 hour.
- Supported the transition to standardized architecture across plant types (General Assembly, Paint, Body), enabling consistent and reliable deployment of configuration files setup for automation.

**HP Inc.**, Houston, TX

April 2020 – April 2022

OS and Software Program Experience Support Manager

- Spearheaded Support Strategies for new product introductions and Ubuntu LTS deployments, ensuring seamless integration across commercial and consumer systems while aligning with organizational objectives.
- Applied Agile Methodologies and Software Development Life Cycle Best Practices to drive project execution, leading cross-functional teams to meet tight deadlines, resolve technical challenges, and maintain stakeholder alignment for customer support initiatives.
- Identified and Implemented Cost-Saving Measures to enhance operational efficiency and reduce expenses across generations of commercial and consumer software and operating systems.