

Summary

Software Engineer with 4 years of full stack .NET web development experience. Gained domain experience in the financial industry while developing internal tools for a leading global bank. Recently taken a career break to help my family's business during a transitional period and to expand my skillset working on personal projects.

Projects

Personal - GGXXACPR Overlay - Game overlay

C# / .NET Core Interop / x86 assembly / D3D9 // 2024 - 2026

- www.github.com/YouKnow232/ggxxacpr_overlay
- Reverse Engineered game code using a memory viewer and debugger
- Uses both DLL injection and function hooking to execute code in the game's main rendering thread
- Created a custom .NET host written in C++ which runs in the injected process
- Leverages the DirectX 9 API to draw additional HUD elements using the existing native device pointer

Personal - GearLoader - DLL-based Plugin system

C/C++ / C ABI / CMake // 2025 - 2026

- www.github.com/YouKnow232/GearLoader
- Mod loader / manager for GGXXACPR
- Utilizes a dependency manager and an API registry to support plugin dependencies and inter-plugin communication

Infosys - Client Project - Front-end Redesign Efforts

React / Typescript // Q1 2021 - Q4 2021

- Worked as a senior developer redesigning several existing Angular UIs to React
- Led architectural design decisions for the new UI

Infosys - Client Project - Internal Finance Tool

Angular / Typescript // Q1 2020 - Q4 2020

- Created an Angular front-end from scratch as part of a two-person team
- Continued laying foundation for additional views as more developers joined the project
- Lobbied for and implemented an automated code linter to enhance project workflow

Work Experience

Infosys Ltd - (2018 - 2021) - Technology Analyst

- Maintained and developed multiple client projects for a leading global bank based out of the US
- Full-stack .NET developer maintaining and extending existing internal tools
- Utilized Git, Jira, and Jenkins in an Agile workflow

Revature - (Q1 2018) - Associate

- Full-stack .NET coding boot camp
- Angular/.NET/T-SQL tech stack

Skills

Front-End

- Angular 2+
- React JS
- RxJS
- ASP.NET MVC

Back-end

- ASP.NET Web API
- Entity Framework
- T-SQL

Other Languages

- C#
- C++20
- TypeScript
- Java
- Python

DevOps

- Git
- Github
- CMake
- Bitbucket
- Jira
- Jenkins
- TFS

Education

Georgia Institute of Technology - 2017

- Bachelor of Science in Computer Science