Cole Silvernail

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Full Stack Developer with 3+ years of professional experience designing, developing, and implementing web-based applications using a wide range of technical skills and programming languages on both the frontend and backend of projects. Has a proven passion for quickly learning new programming technologies.

Work Experience

United Food and Commercial Workers Union (UFCW), Washington, DC   02/2022 – Current
Senior Web Developer
- Full stack development of web applications using appropriate frameworks and technologies
- Build secure APIs for easy interfacing with large sets of data
- Designed and developed a delegate tracking application used to log convention election results and input delegate information
- Mentor junior developers in solving programing problems and design choices

United Food and Commercial Workers Union (UFCW), Washington, DC   07/2019 – 02/2022
Junior Web Developer
- Reconstructed pension system from a mainframe program to a web app including automation of pension checks
- Responsible for testing a migration importer and ensuring the database was up to date using Microsoft's Entity Framework
- Collaborated as a team to migrate a legacy mainframe system to a modern, web-based application for company wide use
- Designed, coded, and maintained enterprise software using latest industry adopted programming languages

Alstom, Melbourne, FL   06/2018 – 08/2018
Software Intern
- Composed bash scripts for the effective automation of test software
- Developed comprehensive applications to install drivers and company embedded software on Linux modules for clients
- Conceived, designed, monitored, and administered solutions tests to ensure continuous quality control

Education

University of Central Florida, Orlando, FL   08/2016 – 05/2019
Bachelor of Science in Computer Science
- Relevant Courses: Object Oriented Programming, Web and User Experience, Computer Science I & II, Systems Software, Security in Computing, Database Systems, Artificial Intelligence, Discrete Structures, Programming Languages, Operating Systems

Florida State University, Tallahassee, FL   06/2007 – 04/2012
Bachelor of Science in Finance

Skills

Programming: C#, TypeScript, JavaScript, Python, AngularJS, React, ASP.NET, .NET, Node.js, SQL, MySQL, and shell scripting
Other: REST APIs, Full Stack Development, Linux, Red Hat Enterprise Linux, Windows 11, git, Agile Development, HTML, CSS, Bootstrap