Alex Nava
.NET Core Developer / Software Engineer

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Summary

Software engineer with experience in web development with a strong foundation in computer science, keen attention to detail and passion for problem solving. Proven ability to ensure the functionality, security, and design of web sites, apps and systems while collaborating with cross functional teams. Proficient in a wide array of technologies, languages and tools. Committed to professional and personal growth, delivering high quality software and technology solutions, and leveraging best practices to improve the end result product.

Skills

Languages & Frameworks
C# / .NET Core (dotNET Core), ASP.NET Core, Blazor, MAUI, Entity Framework, Web / REST APIs, C, Java, JavaScript, Python, NumPy, Pandas, PySpark, AppleScript, HTML / CSS, Bash / Shell, SQL, XML, YAML

Software Development
Visual Studio, Visual Studio Code, MonoDevelop, DBeaver, Microsoft SQL Server Management Studio, MySQL Workbench, Azure DevOps, CI/CD, Agile / Scrum, Git / Version Control, Documentation, Testing

Game Development
Unity3D, Scripting, Gameplay Mechanics, Production, Team Management, Documentation, Version Control

Experience

Printing Plus
www.printingplustexas.com
Prepress Technician / Graphic Design / Web Admin, July 2017 - Present
- Created wide variety of high-quality print products to client specs in a fast-paced production environment
- Utilized JavaScript to automate graphic design work flows and build new features onto Adobe Creative Suite
- Designed B2B web sites and dynamic product templates for users with VBScript / HTML, improving production cycle and efficiency, maximizing user-engagement, time management, and profit potential
- Implemented maintenance / enhancements for websites, ensuring content and security are up-to-date
- Managed static and dynamic data organization and troubleshooting of system errors and bugs
- Automated backup and archiving of physical and virtual data using scripting and automation techniques

Certifications

Microsoft - Programming in C# - Credential ID: G177-1019
HackerRank - Data Structures & Algorithms - Credential ID: 1153B305C3BA
HackerRank - SQL - Credential ID: A9BB202D9A73

Projects

PyflexDB
Python library that provides a common method of interacting with different types of databases.

Adventure Game
Sidescrolling Action-RPG set in a mysterious world about a soldier who uncovers a secret about the past.

Galaxy Stone
Turn based Strategy RPG about alien creatures defending their planet against hostile invaders.

Education

Tarrant County College
Computer Programming
Associate of Applied Science in Computer Programming
Proficient in C#, C, Java, Database Management, Software Design, Programming Fundamentals, etc.

Art Institute of Dallas
Graphic Design
Bachelor of Fine Art in Graphic Design
Strong foundation in Design Fundamentals, Life Drawing, Color Theory, Typography, etc.