Owen Adrian

Software Engineer with seven years of experience delivering high-value software solutions in remote and on-site organizations. An immersive problem solver with technical aptitude and an entrepreneurial drive for software development.

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Technical Skills

- **Languages:** C#, Ruby, Python, JavaScript, HTML/CSS, Bash
- **Frameworks:** React, Bootstrap, Ruby on Rails, ASP.NET Core
- **Databases:** PostgreSQL, SQLite, MongoDB
- **Tools**: Git, Linux, Docker, Azure (App Service, Kubernetes)

Experience

Software Consultant   (Freelance)   Jul 2023 - Present

- Licensed an AI persona generator by developing an autonomous LLM agent in C# that controls a virtual scene made with Unity for directing social scenarios.

Senior Software Engineer   Unity Technologies   Mar 2021 - Jun 2023

- Built a microservice in Ruby that leveraged FFI calls and container orchestration to reduce job runtime by up to 90%, resulting in hours of gained productivity.
- Developed a custom data streaming protocol based on UDP that sent fragments of a memory-mapped 3D model to a viewer, reducing buffer times by 2 minutes.
- Deployed a Ruby on Rails monolith using Docker and documented deployment steps for on-premise support, enabling adoption by the US Army Corps of Engineers for the reconstruction of Tyndall Air Force Base.

Director of Web   VisualLive   Mar 2020 - Mar 2021

- Maintained a Ruby on Rails codebase and managed resources on Azure, driving the growth of a global leader in 3D visualization and collaboration in AEC.
- Refactored application monolith and front-end, reducing response times by 40%.
- Provided subject-matter expertise and developed custom implementations for clients, and Salesforce and Bitrix24 integrations for marketing and sales teams.

Web Developer, Founder   Order Coffee Online   May 2018 - Mar 2020

- Developed an online ordering system in Ruby on Rails that processed over $500,000 in sales from 3 cafes and made the mornings of over 3,000 customers.
- Led every stage of SDLC from conceptualization to commercialization, refined project goals with product feedback, and developed marketing strategies.

Web Developer Intern   Packet Layer   Sep 2017 - Apr 2018

- Designed the login page for a document portal in PHP and HTML.