

Owen Adrian

Software Engineer with seven years of experience delivering high-value software solutions for dynamic, fast-paced organizations. An immersive problem solver with technical aptitude and an entrepreneurial drive for developing quality software.

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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

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| Software Consultant | (Freelance) | Jul 2023 - Present |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- Designed the login page for a document portal in PHP and HTML. | | |