

# 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 secure solutions.

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## Technical Skills

- **Languages:** C#, Ruby, JavaScript, Python, HTML/CSS, Bash
- **Frameworks:** React, Svelte, Express.js, Ruby on Rails, ASP.NET Core
- **Databases:** PostgreSQL, SQLite, MongoDB
- **Cloud Platforms:** Azure (App Service, Kubernetes), AWS (EC2, S3)
- **Tools:** Git, Linux, Docker, Kubernetes, Heroku, CI/CD

## Experience

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| <b>Development Engineer</b>  | Syntreno            | Jul 2023 - Present  |
| <ul style="list-style-type: none"><li>- Licensed an AI implementation developed using an autonomous LLM agent that controls a virtual scene made with Unity that responds to verbal commands.</li></ul>  |                     |                     |
| <b>Senior Software Engineer</b>  | Unity Technologies  | Mar 2021 - Jun 2023 |
| <ul style="list-style-type: none"><li>- 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.</li><li>- 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.</li><li>- 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.</li></ul> |                     |                     |
| <b>Director of Web</b>   | VisualLive          | Mar 2020 - Mar 2021 |
| <ul style="list-style-type: none"><li>- 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.</li><li>- Refactored application monolith and front-end, reducing response times by 40%.</li><li>- Provided subject-matter expertise and developed custom implementations for clients and Salesforce and Bitrix24 integrations for marketing and sales teams.</li></ul>  |                     |                     |
| <b>Web Developer, Founder</b>  | Order Coffee Online | May 2018 - Mar 2020 |
| <ul style="list-style-type: none"><li>- 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.</li><li>- Led every stage of SDLC from conceptualization to commercialization, refined project goals with product feedback, and developed marketing strategies.</li></ul>  |                     |                     |