Owen Adrian

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Accomplished Software Engineer with over 7 years of experience developing scalable, production-ready web applications. Adept in Ruby, C#, JavaScript, and cloud infrastructure management, seeking to leverage expertise to innovate and lead transformative projects in cutting-edge tech environments.

Experience

**Founding Engineer**, Syntreno Santa Monica, CA (Remote)

Aug 2023 - June 2024

* Designed a prototype for conversational web-based training with GPT in Unity.

**Senior Software Engineer**, Unity Technologies San Francisco, CA (Remote)

Mar 2021 - May 2023

* Implemented SSO and data importation from Autodesk and Procore into Unity Reflect, ensuring seamless functionality and reducing integration time by 30%.
* Optimized polygon streaming by replacing gRPC with WebSocket, providing a more performant solution for Unity Reflect that is compatible with UWP devices such as the Microsoft HoloLens.
* Developed the undo/redo system for the Unity App UI package, offering developers an easy way to make intuitive, responsive, real-time 3D applications with Unity.

**Senior Software Engineer**, VisualLive Tempe, AZ

Mar 2020 - Mar 2021

* Inherited Ruby on Rails codebase and Azure resource group, resolved technical debt and N+1 queries, improved response times by 67%, and achieved zero service outages over the next 2 years.
* Developed a microservice in Ruby for converting BIM/CAD files, reducing processing time by 80% and saving over 100 hours of additional processing time monthly.
* Containerized application stack for on-premise deployment for the U.S. Army Corps of Engineers in reconstructing Tyndall Air Force Base, improving efficiency and reliability.

**Founding Engineer**, OCO Kansas City, MO

Sept 2017 - Apr 2020

* Developed a coffee ordering app in Ruby on Rails that generated $3M in revenue.
* Developed a recommendation system deployed from a Raspberry Pi 0W in Python.
* Awarded Liberty Area CoC 20under20 Innovator for innovative problem-solving.

**Web Developer, Intern**, Packet Layer Kansas City, KS

Aug 2017 - Dec 2017

* Developed integration tests in Postman for an internal web application.

Skills

**Languages:** Ruby, C#, TypeScript, JavaScript, HTML, CSS, Python, Java, Bash

**Frameworks:** Ruby on Rails, Unity, ASP.NET, React, Svelte, Node.js, Express.js, FastAPI

**Databases:** PostgreSQL, MongoDB, SQLite

**Tools:** Git, Linux, Docker, Heroku, Azure (App Service, Kubernetes), AWS (EC2, S3)