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)