Owen Adrian

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Accomplished Software Engineer with over seven years of experience developing scalable, production-ready web applications and user-friendly software. Adept in C#, JavaScript, Ruby, and Python, seeking to leverage expertise to innovate and support transformative projects in cutting-edge tech environments.

Experience

Software Consultant   Aug 2023 - Present
Syntreno   Santa Monica, CA (Remote)

- Developed a web application for case management in Python with Flask and Svelte for UI.
- Developed a Unity WebGL app with OpenAI integration in C# for interactive web-based training.
- Developed fast document search API in Ruby with pgvector, reducing retrieval times by 40%.

Software Engineer   Mar 2020 - May 2023
VisualLive + Unity Technologies   Tempe, AZ

- Managed Ruby on Rails codebase and Azure cloud infrastructure, resolved technical debt and N+1 queries, and improved response times by 67%, exceeding SLAs with 99.8% uptime.
- Developed a microservice in Ruby and Sinatra for converting user-uploaded 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 with Docker for the U.S. Army Corps of Engineers in reconstructing Tyndall Air Force Base, improving efficiency and reliability.
- Implemented SSO and data importation from Autodesk and Procore into Unity Reflect, a React app with an ASP.NET backend, ensuring seamless functionality for enterprise customers.
- Optimized polygon streaming by replacing gRPC with WebSocket, providing a more performant solution for Unity Reflect that was compatible with UWP devices such as the Microsoft HoloLens.

Software Consultant   Sept 2017 - Apr 2020
Freelancing   Liberty, MO

- Developed a coffee ordering app in Ruby on Rails for 13K users, generating $3M in revenue.
- Developed an application in Java that used OCR to autofill spreadsheets 76% faster than by hand.
- Developed a recommendation system in Python, increasing user engagement by 38%.
- Awarded Liberty Area CoC 20under20 Innovator for innovative problem-solving.

Web Developer, Intern   Aug 2017 - Dec 2017
Packet Layer   Kansas City, KS

Skills

Languages: Ruby, C#, TypeScript, JavaScript, Python, HTML, CSS, SQL, Bash
Frameworks: Ruby on Rails, React, Node, Unity, ASP.NET, FastAPI
Technologies: Git, Linux, Docker, Heroku, Azure, AWS, PostgreSQL, MongoDB

Education

Northland CAPS, Technology Solutions, Apprenticeship   Graduated 2018