



JOSE STOVALL

FULL STACK ENGINEER & GAME DEVELOPER

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Skills & abilities

Proficient in multiple common Full-Stack paradigms & libraries such as ASP.NET, ExpressJS, React, Kubernetes, Docker and many SQL and NoSQL databases. Experienced with Unreal Engine 4.27 and familiar with many components of the engine, but always learning and eager to continue to expand my knowledgebase!

Experience

FREE RANGE GAMES | SEPT 2022 – MAR 2025

Full-Stack & Unreal Engine Engineer | Lord of the Rings: Return to Moria

- Architect and build out an in-house, low-cost Analytics Backend solution using Google Cloud Platform's Cloud Run and Big Query services.
- Integrated analytics calls in-game using async off-thread processing and gRPC to ensure the gameplay goes unaffected by any analytics gathered.
- Implemented several user-facing features in the game, such as Callout, Construction Restoration, and much of the mining mechanic.
- Maintained and refactored the integration with multiple platforms and online subsystems for Epic, Steam, Xbox & PlayStation.

Full-Stack & Dev-OPs Engineer | Wrekless

- Architect and build out an in-house, low-cost Analytics Backend solution using Google Cloud Platform's Cloud Run and Big Query services.
- Integrate in-game proximity voice chat using player positions in Unity.
- Tune and stress test Kubernetes deployments with Google's Agones service to auto-scale based on player count on each server.
- Fine-tune headless bot-based testing implementation to support a larger number of bots in a separate Kubernetes Cluster to best simulate a lifelike load of players joining our servers.
- Optimize and maintain separate Game Services backend, decoupled stateful components to better scale with larger user bases.

ERNST & YOUNG | JAN 2021 – SEPT 2022

- Maintained internal .NET backend for Tax Rules.
- Supported API feature team through Stored Procedure management.
- Optimized Stored Procedure performance to reduce timeouts and latency.

BASE CAMP HEALTH | JUN 2020 – JAN 2021

- Developed ML & Statistical Model for COVID-19 Detection
- Created email reporting system with Python + PostgreSQL

Education

UNIVERSITY OF TENNESSEE AT CHATTANOOGA

BS in Computer Science, MS in Data Science

Participated in research opportunities during MS program at UTC's Center for Urban Informatics and Progress. Publications available upon request.