

codezero **CHARLI**.

Charli.AI: Empowering Developers with Codezero for Rapid Development and Collaboration

Charli.AI, a leading enterprise Decision Intelligence Platform, has revolutionized its software development process by implementing Codezero as a core component of its development stack. Charli.AI has experienced transformative benefits - including accelerated development cycles, improved collaboration, enhanced productivity, and by extension - reduced costs.

Codezero helps AI software developers work faster by keeping the heavyweight, resource-intensive processes in the cloud while using lightweight, local development tools.

About Charli.AI

Charli AI is the game-changing AI Operations platform built for Financial Services. Trusted by some of the biggest names in the industry: **Accenture, Adobe, Autodesk, Cisco, HSBC, Intuit, Meta, Netflix, and Salesforce** - to name just a few, Charli.AI's Ancaeus Platform (think Kubernetes for AI) streamlines how data is managed, secured and leveraged in AI solutions across the enterprise.

Challenge: Overcoming Development Bottlenecks

Charli.AI's development team faced challenges due to a lengthy development feedback loop, often taking 20 minutes or more to test changes. This significantly impacted their developer productivity, as they had to wait to verify their code's functionality after each iteration.



“Sometimes bugs or issues can only be reproduced in a cloud environment, not locally. Using Codezero's “serve” feature allows developers to save a lot of time by running code in debug mode to diagnose issues.”

—Hao Chen, Lead ML Engineer

Additionally, the team struggled with complex environment setup and configuration, leading to time-consuming and error-prone onboarding processes. These issues hindered collaboration and the team's ability to work efficiently.



“With Codezero - new developers can be up and running in less than an hour”

—Fabien Warniez, Engineering Lead

Solution: Codezero Reduced the Development Feedback Loop from 20 minutes to seconds

Charli.AI turned to Codezero for help with these challenges. Codezero's innovative technology enables developers to work in their target environment, eliminating the need for deployment and reducing the Development Feedback Loop from 20 minutes to just a few seconds.

This allows Charli.AI developers to test changes in real time, identify issues early on, and make adjustments on the fly. The team can now iterate through the development test cycle much faster, resulting in a 10x improvement in productivity.



“Codezero allowed our developers to get their code into production 10 times faster than before. This means more features delivered to customers, faster.”

—Robin Hsieh, Staff Cloud Engineer

Benefits of Codezero:

Charli.AI has realized numerous benefits by adopting Codezero:



Accelerated Development Cycles

Codezero drastically reduces the time it takes to test changes, enabling faster development and innovation.



Elimination of Environment Configuration Errors

By allowing developers to work in their target environment, Codezero eliminates the need for complex environment setup and configuration, saving valuable time and reducing errors.



Enhanced Collaboration

Codezero enables a collaborative development & testing environment where multiple developers can work together in the same cluster, reducing communication overhead and facilitating smoother code reviews.



Increased Developer Productivity

By streamlining the development process, Codezero empowers developers to contribute more meaningfully and increase their overall productivity.

Conclusion

Charli.AI's adoption of Codezero has been a game-changer for their software development process. The platform's ability to compress the Development Feedback Loop, eliminate environment configuration errors, and enhance collaboration has resulted in significant improvements in development speed, quality, and team productivity. As a result, Charli.AI relies on Codezero as an essential tool for delivering innovative solutions to its customers.