

Cesar Villalvir

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SKILLS

Programming Languages: JavaScript, TypeScript

Frontend: React, Next.js, HTML5, CSS3

Backend: Node.js, MongoDB, Express, GraphQL, NestJS

Tools & Technologies: Git, WAGMI, RESTful APIs, Agile

Additional: Microsoft Office Suite, Bilingual (English/Spanish)

EXPERIENCE

Pixel Vault

May 2022 – June 2025

Software Engineer

- Developed and maintained the Get Paid Arcade, a digital gaming platform where users purchased credits, played skill-based games, and won prizes convertible to cash. At its peak, the arcade processed over \$250K in daily volume.
- Built and optimized the Reboot Token Swapper, enabling users to convert tokens under complex vesting schedules with live data visualizations and real-time state management. Supported over \$10M in token exchanges while maintaining high performance under heavy data loads.
- Developed the UPDAO decentralized voting platform, empowering users to create proposals, discuss initiatives, and vote using token-weighted governance. Several proposals passed that would deploy \$10M+ in community initiatives.

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January 2022 – April 2022

Frontend Developer

- Built and optimized data APIs to support analytical dashboards and client reporting features.
- Contributed to Agile sprints, stand-ups, and code reviews, promoting clean, maintainable code and a collaborative development process.
- Refactored legacy JavaScript into modern ES6+ modules, improving maintainability, reducing technical debt, and enabling faster feature development.

PROJECTS

LinkDev

- Built a developer-focused social network using React, Node.js, and MongoDB, enabling users to share code and connect with peers. Implemented user authentication, RESTful APIs, state management, and responsive UX enhancements to deliver a seamless experience.

Linked List Visualizer

- Built a React-based web app that visualizes and teaches the methods of a linked list through an intuitive interface, leveraging props, hooks, mapping, and object-oriented principles for dynamic data manipulation.

EDUCATION

Temple University

Bachelor of Science - Biology

Philadelphia, PA

May 2021

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Frontend Application Development

March 2022

udemy

MERN Stack Front to Back

April 2021