

Gerald Arzola

New York, NY | mail@arzy.dev | 646-275-0267

[Github](#) | [Website](#) | [LinkedIn](#) | [Blog Articles](#)

SOFTWARE ENGINEER | FRONT-END DEVELOPER

Front-End Software Engineer with a strong focus on building responsive, scalable applications across both traditional (Web2) and blockchain-based (Web3) platforms using React, Next.js, and TypeScript. Experienced in deploying production-ready apps, including a decentralized application serving 30,000+ daily users. Passionate about clean UI/UX, modern web technologies, blockchain-integrated experiences, and delivering high-performance applications in agile teams.

EXPERIENCE

Augminted Labs | Frontend Engineer

11/2021 - Present

- Collaborated on building an end-to-end platform for launching crypto projects, enabling users to upload art layers, define generation rules, preview outputs for QA, and deploy customizable smart contracts—all without writing code. Engineered a full-featured platform with a team using React, Firebase, and Web3 tools to let users upload layered artwork, define generation logic, preview outputs, and deploy custom ERC-721/1155 smart contracts with on-chain raffle functionality—no coding required.
- Developed a visually rich decentralized application enabling users to log in with their crypto wallet, view personalized wallet data, and mint tokens via smart contract interactions—collaborating closely with the art team to deliver unique animated experiences like interactive maps and dynamic token minting sequences.
- Led frontend development of a Web3 DApp using React and Ethers.js, enabling wallet-based login, real-time smart contract reads/writes, and personalized token minting experiences—translating creative concepts into interactive UI elements like animated parallax maps and dynamic mint feedback.
- Developed a fully on-chain decentralized raffle application using React, Next.js, Solidity, and Ethers.js, featuring wallet connectivity, deterministic winner selection via blockchain randomness, IPFS-stored logic for public verifiability, and animated user feedback synced to smart contract events.
- Created a Web3 experience allowing users to mint a free, fully customizable NFT via a dynamic Scientist Creator UI, with user-selected metadata driving backend image generation and hosted asset URLs to support future metadata mutability.

Kaijukungz | Founding Developer

08/2021 - Present

- Created the first decentralized web app for Kaijukungz which served 30,000 users daily at its peak
- Developed a full-stack decentralized Web3 dashboard and game using React, Tailwind, Firebase, Django, and Pixi.js, enabling users to connect via crypto wallet, create custom characters, interact with an ERC-20 token-based in-game economy, and progress through lore puzzle challenges and omnichain experiences.
- Built an e-commerce platform for KaijuKingz enabling users to purchase physical and digital products—including token traits and whitelist spots—using credit card, crypto, or the project's native ERC-20 token, with on-chain trait application and an internal admin dashboard for inventory management.
- Built a decentralized web application for KaijuKingz enabling users to connect their wallet and interact with the project's full blockchain ecosystem—viewing tokens, customizing attributes, managing ERC-20 deposits/withdrawals, and performing gamified smart contract-based actions.
- Created other decentralized apps consisting of Dashboards, Topdown Video Game with Pixi, ERC-20 Burn sites and more...

EDUCATION

Flatiron School | New York, NY | Software Engineer

12/2020 - 05/2021

University at Buffalo | Buffalo, NY

09/2018 - 05/2020

CUNY Queens College | Queens, NY

09/2016 - 05/2018