Matt Mulford

GitHub: [Profile]
Website: [Portfolio]
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SKILLS

- Typescript
- CSS
- Next.js

- SQL / Postgres
- Git/GitHub
- Testing

- Hardhat
- Ethers.js
- The Graph Protocol

EXPERIENCE

Developer DAO, *Contributor, Treasurer, Talent Coordination*
June 2022 - Current

- Support Season 1 launch by leading the initiative for the Developer DAO main [website]
  - Implement entire backend infrastructure: Postgres, S3, Node.js, Digital Ocean, Vercel
  - Reconcile out of date, new design branch with current Main and resolving the merge conflicts from continued feature development on old design so that the new one maintained feature parity
  - Merge two separate git repos into monorepo while maintaining the commit history
  - Established Monorepo for better developer experience, integrated Turborepo
  - Increase developer experience by engineering a platform that increases developer output while reducing errors and friction for deployments.
  - Code review for pull requests

- As Treasurer, ensure budgets and payments are distributed and recorded at a regular cadence. Signer for the Development Guild Treasury
- As Talent Coordinator, Welcoming and onboarding new guild contributors, helping people find the project they would like to work on.

Hyype, Inc, *Front-End Developer*
Nov. 2021 - June 2022

- Create user interface components with React and Next.js
- Implement and update a fully custom component system with Styled Components
- Collaborate with Backend Team to develop contracts and data models for APIs
- Increased front-end performance by ~20% via improving code splitting and image handling
- Improved user experience by improving pain points with Design Team
- Performed end to end tests using Cypress

SevenStar, Inc, *Full Stack Developer*
May 2021 - Nov. 2021

- Design client-side and server-side architecture
- Build the front-end of applications through appealing visual design with Next.js
- Build REST API backed by MongoDB with Express
- Test software with Cypress and Jest
- Build features and applications with a mobile responsive design
- Work with data scientists and analysts to improve software

Projects

Gllry - *https://gllry.xyz*
"Experience Your Collection" (Personal/ Public NFT Gallery) - *Next.js, TailwindCSS, Node.js, ethers.js, NFT API*
- Consume a web3 NFT API to retrieve data for ERC-721
- Shape a robust user experience with Next.js and Tailwind
- Use ethers.js / wagmi to manage wallet interaction and connection
- Implement metadata pipeline to filter/transform the data for normalization
- Store NFT information in Postgres after parsing and transformation

Wavy Name Service - https://ridewaves.app
"Ride Waves" (Simplified ENS on Polygon) - *Solidity, Hardhat, Alchemy, Next.js, TailwindCSS, ethers.js*
- Use Solidity to create a contract that resolves a custom domain to a wallet address
- Issue ERC-721 as proof of ownership with custom SVG background and domain
- Implement contract frontend with Next.js to facilitate a effective user experience
- Integrate with Alchemy for broadcasting transaction to blockchain