

# Bilal Zahory

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## SUMMARY

Web3 full-stack engineer with proven production impact at Uniswap and MetaMask, driving millions in profits.

## EXPERIENCE

**Software Engineer (Swap)** | *Same Stack + Bun, Vite, Biome*

July 2025 – Present

*Uniswap*

*NYC (hybrid)*

- Cut Unichain swap time from 2s to .2s by fetching receipts with flashblock-aware RPCs then parsing event logs to get the final swap amount (loved implementing this)
- Reduced friction on 500,000+ swaps with preselect token buttons
- Unblocked urgent Solana release for Swap through rapid code+design cycles, ensuring SPL 2022 token support, and improved feature gating

**Software Engineer (Wallet)** | *React Native + TS, Tamagui, Redux Saga, ESLint*

August 2024 – July 2025

*Uniswap*

*Fully Remote*

- Enabled 150k+ wallet testnet sessions, implementing it over 4 days to make our Unichain Sepolia GTM launch
- Contributed to over 100k Uniswap smart wallet delegations via throttled, action-prompted nudges, a sleek management screen, and JIT delegation checks
- Allowed 10k+ wallet users to interact with the Monad Testnet by implementing the network in direct collaboration with their team
- Prevented recurring production runtime crashes with custom lint rule support + guidelines (first rule)

**Full Stack Engineer** | *Same Stack + Node/Express, Solidity, Vite, SCSS, Go*

August 2023 – August 2024

*MetaMask*

*Fully Remote*

- Achieved a \$10,000,000+ annualized run rate for MetaMask Bridges with only 2 other developers (see: Dune)
- Led the overhaul + integration of swaps (see: PR) for a send flow accounting for 10,000,000+ transactions/month
- Reduced overhead by \$40k+/month by executing a multi-phased migration from an external transaction simulation provider to an in-house offering
- Doubled mobile revenue share by implementing and optimizing a conversion flow from MetaMask Mobile with performance optimizations, auto-scrolling, and native-like web components

**Frontend Engineer** | *React + TS, Redux, Jest, Ethers, Tailwind, MixPanel*

May 2022 – August 2023

*MetaMask*

*Fully Remote*

- Developed the MetaMask Bridges user interface (UI) using React (TypeScript) and Redux to enable the seamless transfer of tokens across 9 EVM-compatible Blockchains
- Drove \$1,000,000,000+ in volume and \$9,500,000+ in fees (see: Dune, Arkham) since launching in November 2022
- Led optimization initiatives by incorporating navigational lazy loading, JS thread yielding and lint-enforced tree shaking, resulting in a 25% decrease in FCP time and eradication of all 22 long tasks in a core flow

**Frontend Engineer / Founder** | *React Native, JavaScript, Expo*

March 2021 – April 2022

*Buzz Crypto*

*Sterling, VA*

- Created a group crypto trading app UI using React Native
- Implemented a lightweight touch-to-data mapping function which cut down touch latency for a feature by 90%

**Computer Science Teacher** | *HTML, CSS, JS*

August 2019 - March 2021

*Coder Kids Inc.*

*McLean, VA*

- Taught 100+ classes on the basics of web development to groups of 15+ K-8 students

## PROJECTS

**Puzzle App w/ Auth** | *React, TypeScript, Next, Prisma, Tailwind, next-auth, bcrypt*

- Filled in knowledge gaps from primarily working in web3 (e.g., traditional authentication methods, relational databases, managing profiles, handling passwords)

**School Website** | *HTML, CSS, JS*

- Developed a mobile-friendly single-paged website that won first place out of 50 teams at the Academies of Loudoun

## TECHNICAL SKILLS

**Languages:** TypeScript, Solidity, HTML, CSS, JS, Go

**Frameworks:** React Native, React, Node.js, Jest, Playwright, Maestro, SCSS

**Libraries:** Redux, Ethers, Express, Tamagui, Tailwind, Wagmi