

Bilal Zahory

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SUMMARY

Web3 frontend-oriented full-stack engineer with 9 years of development experience (5 years professional).

Enabled millions in profits by creating responsive, optimized dApps UIs with React, Tailwind, and TypeScript; ensured product scalability by implementing pragmatic, well-tested data flows to and through these dApps UIs using Node, Redux, ethers, and Jest.

EXPERIENCE

Full Stack Engineer | *Same Stack + Node/Express, Solidity, Vite, SCSS, Go* August 2023 – Present
MetaMask *Fully Remote*

- Achieved a \$15,000,000 run rate for MetaMask Bridges with 2 other developers (see: Dune)
- Doubled mobile revenue share by implementing and optimizing a conversion flow from MetaMask Mobile with performance optimizations, auto-scrolling, and native-like web components
- Enabled 2000+ targeted survey responses by creating a custom hook to add functionality to the existing survey provider
- Reduced overhead by \$40k+/month by executing a multi-phased migration from an external provider to an in-house offering

Frontend Engineer | *React, TypeScript, 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 \$550,000,000+ in volume and \$4,250,000+ in fee revenue (see: Dune) 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 testing 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*

- Engineered a fully-featured puzzle app with password-based web authentication and profiles
- 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, Node.js, Jest, SCSS

Libraries: Redux, Ethers, Express, Tailwind, Wagmi

EDUCATION

Northern Virginia Community College *Sterling, VA*
Associate of Science in Computer Science & Engineering *December 2020*

Academies of Loudoun (Magnet Program) *Leesburg, VA*
High School Diploma (Computer Science Track) *June 2020*