[**Polychain 2030 | Technical Talk Series #1**](http://technical-talk-series-1.eventbrite.com)

[Decentralized Engineering: JavaScript Frameworks](http://technical-talk-series-1.eventbrite.com)

**When**: April 10th from 5-7pm

**Where**: 1550 Bryant Street Penthouse San Francisco, CA 94103

We’d like to invite you to join this technical dive into decentralized engineering challenges: exploring competing JavaScript frameworks, in-browser security, debugging reverts, and state management best practices from brilliant engineers in our network. This is a private educational event for FE and FS engineers across all industries to network and consider new approaches. We hope you’ll come ready to hear 10 to 15-minute discussions on the topics below by our panelists, followed by an open breakout for discussion where refreshments will be provided.

**Topics:**

**Light Clients: why are they essential for decentralized internet**[Henry Harder](https://paradigm.market/about) | Paradigm.Market

* How the ubiquity of light clients will precede the realization of a peer-to-peer internet

**Undiscovered best practices for decentralized front end applications |**[Patrick Lorio](https://www.linkedin.com/in/patrick-lorio-a7688342/) | merkleX.io

* Dealing with a new asynchronous backend with multiple failure cases and probabilistic processing times. How do you keep the user informed and in control while managing all the new states?
* Audit or rebuild? The trade-off of security and convenience in the world of compromised NPM repositories.
* Building strong abstractions to manage secure wallets in an insecure environment (MetaMask, Ledger, Trezor)

**Dealing with Transaction Reverts in the Wild |**[Bryce Neal](https://www.linkedin.com/in/bryce-neal-7a7a7127/) | dYdX.exchange

* What are transaction reverts and why do they occur?
* What tools can we use to log, debug, and trace reverted transactions?
* Managing expectations and communicating transaction reverts to end-users via UI/UX design patterns.

**Building Trustless UX With User Accessibility in Mind |** [Nadav Hollander](https://blog.dharma.io/@nadavhollander) | [Dharma.io](http://dharma.io/)

* The magical world of "meta-transactions" — how they work, and how to build applications that use them without relying on MetaMask
* Security in the context of in-browser, JS-triggered crypto operations
* Counter-factual contract instantiation (i.e. CREATE2)
* Designing non-custodial experiences that fit into users' existing mental models instead of asking them to learn new ones.

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We’d like to invite you to join us in exploring decentralized engineering challenges: competing JavaScript frameworks, in-browser security, debugging reverts, and state management best practices alongside brilliant engineers in blockchain. This is a private educational event for FE and FS engineers across all industries to network and consider new approaches. Come ready to hear 10 to 15-minute discussions on the topics below by our panelists, followed by an open breakout for discussion where refreshments will be provided.

**Topics:**

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**Security first: Understanding and Agreeing on the World Around Us |** [**Joao Peixoto**](https://www.linkedin.com/in/joaomppeixoto/) **| Anchorage**

* How simple guidelines should be generally enforced to improve the reliability of your web application, from headers to CSP
* GraphQL as the de facto type system, extensible and testable at compile time.