

# Andrew Schneider

*Experienced Frontend Software Engineer*

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## PROFILE

Seasoned frontend engineer with 10+ years building high-quality web applications from early-stage startups to enterprise scale. I specialize in architecting secure, production-ready products — from complex payment systems and ecommerce integrations to developer SDKs and internal tooling. Equally comfortable leading teams or contributing as an individual engineer. Passionate about delivering well-crafted, scalable software.

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## SKILLS

<b>Languages</b>	JavaScript · TypeScript · HTML · CSS/SASS · SQL · Python
<b>Frameworks</b>	React · Next.js · Node.js · NestJS · Express · React Native · Vitest · Turborepo
<b>Infra / DevOps</b>	AWS · GCP · Docker · ELK Stack · Datadog · Sentry · Snyk
<b>Databases</b>	PostgreSQL · MongoDB · Redis · DynamoDB

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## EXPERIENCE

### Staff Software Engineer | **Gemini** | Dec 2024 – Feb 2026

*New York City Metropolitan Area (Remote)*

- ▶ Designed and built end-to-end a smart account wallet, integrating passkey-based biometric authentication and modular account standards — eliminating seed phrase dependency.
- ▶ Integrated multiple bundler and paymaster providers (Coinbase, Pimlico, Gelato) behind a unified reverse proxy/SDK layer, enabling gas sponsorship and flexible transaction routing.
- ▶ Built and shipped Gemini Dapp — a production app enabling any wallet to lend to Morpho vaults, swap assets, send/receive transactions, and manage NFT portfolios.
- ▶ Designed and open-sourced a first-party TypeScript SDK providing a fully typed, wagmi-compatible interface for developers building on Gemini's infrastructure.

### Lead Engineer / Engineering Manager | **Dispatch** | Aug 2022 – Oct 2024

*New York City Metropolitan Area (Remote)*

- ▶ Designed and implemented full checkout/payment workflows integrating ecommerce platforms (Shopify, Salesforce, BigCommerce) with payment gateways (Stripe, Adyen, PayPal).
- ▶ Built custom Apple Pay and Google Pay integrations, handling session creation, cryptogram decryption into alias PAN, and payment token submission to gateways.
- ▶ Expanded into backend engineering, building services with NestJS, Redis, and MongoDB.

### Head of Web Engineering | **Blockchain.com** | Jun 2019 – Feb 2020

*New York City Metropolitan Area*

- ▶ Set engineering standards, quality benchmarks, and strategic direction across multiple internal and external web products.
- ▶ Architected cross-application features: company-wide SSO authentication, a non-custodial wallet Chrome extension, and a shared component library.

### Front End Team Lead | **Blockchain.com** Jun 2019 – Feb 2020

*New York City Metropolitan Area*

- ▶ Led a team delivering major wallet features: KYC flows, Buy/Sell, Bitcoin SegWit upgrade, and ETH ERC-20 support.
- ▶ Owned technical architecture decisions, product release coordination, and engineering task planning.

**Senior Front End Engineer** | [Blockchain.com](#) | Feb 2018 – Jun 2019

*New York City Metropolitan Area*

- ▶ Core contributor to Blockchain.com's non-custodial web wallet (React, Redux, Redux Saga).
- ▶ Led implementation of ERC-20 token support and Ledger hardware wallet integration.

**Senior Front End Engineer** | [Target](#) | Sep 2016 – Feb 2018

*Minneapolis, Minnesota*

- ▶ Led frontend development across multiple digital asset management apps using Angular, React, Java Spring Boot, Go, Kafka, Docker, GCP, Python, and MongoDB.
- ▶ Built fully automated CI/CD pipelines for all microservices via Drone, Docker, and Kubernetes; mentored junior engineers.

**Senior Software Engineer** | [Thomson Reuters](#) | Nov 2014 – Aug 2016

*Eagan, Minnesota*

- ▶ Core member of the Cobalt Platform frontend team; co-authored the JavaScript style guide, unit testing protocols, and code review standards.
- ▶ Led frontend for multiple BPM proof-of-concept applications using Angular/Bootstrap and Ember/Foundation.

**Software Engineer** | [Thomson Reuters](#) | Jan 2012 – Nov 2014

*Eagan, Minnesota*

- ▶ Joined via the GROW rotational program; supported WestlawNext and the Cobalt Platform with JS linting enforcement, QUnit/Jasmine test migrations, i18n support, and build modernization (Node.js/Grunt.js).

## OPEN SOURCE & PROJECTS

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- ▶ [Gemini Wallet Core SDK](#) — Wagmi-compatible TypeScript SDK for Gemini smart account infrastructure.
- ▶ [Blockchain.com Wallet Decrypter](#) — Node CLI to extract encrypted wallet payloads from a Blockchain.com GUID.
- ▶ [iTerm2 Crypto Stats](#) — Custom status bar components: BTC block numbers, halving countdowns, and live prices.
- ▶ [Songkick API Wrapper](#) — Full Node.js wrapper for the Songkick API.
- ▶ [Personal Website](#) — Built with React and Gatsby.

## EDUCATION

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**B.S. Computer Science, Cum Laude** | 2007 – 2011

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