

Phil Arfuso

Cliffside Park, NJ 07010 | (201) 638-1769 | arfusop@gmail.com
[linkedin.com/in/phil-arfuso](https://www.linkedin.com/in/phil-arfuso) | github.com/parfuso-pvs

PROFILE

Full Stack Software Engineer with 8+ years of experience architecting, developing, and optimizing data-driven web applications. Builds maintainable systems spanning complex business logic, multi-market data models, real-time interfaces, and cloud infrastructure. Experienced in technical leadership, legacy modernization, reusable platform design, and cross-functional product delivery across React, React Native, Node.js, and cloud infrastructure. Also co-founded a part-time digital agency delivering modern web, SEO, and analytics solutions for service businesses.

CORE TECHNOLOGIES

LANGUAGES & FRAMEWORKS JavaScript, TypeScript, React, React Native, Next.js, Node.js, Express, GraphQL, Apollo, Remix
DATA & ARCHITECTURE PostgreSQL, MongoDB, MySQL, Prisma, Supabase, Firebase, REST APIs, microservices, WebSockets
INFRASTRUCTURE & QUALITY AWS, Docker, GitHub Actions, Jenkins, CI/CD, Jest, Playwright, Cypress, Sentry
FRONTEND & PRACTICES Tailwind CSS, Styled Components, SCSS, Mantine, Zustand, Redux, Storybook, accessibility, system design

EXPERIENCE

MEMX / NEW JERSEY

Senior Full Stack Engineer *January 2023 - Present*

- Co-architected a database-driven ecosystem supporting Equities, Options, Crypto, and external Market Technology clients across distinct regulatory environments.
- Engineered a shared UI platform that adapts datasets, rules, and form validations by market while retaining one codebase.
- Designed server-side business logic and PostgreSQL/Prisma schemas supporting compliance, data integrity, and operational traceability.
- Implemented API orchestration and data-validation layers that enforce contracts between backend microservices and frontend administrative tools.
- Led modularization of cross-market UI components and service endpoints, reducing duplication and improving feature rollout time by 35%.
- Delivered WebSocket-based trading and administrative features through low-latency event streams.
- Oversaw CI/CD pipelines and testing frameworks supporting deployment consistency and compliance audits.

Front-End Engineer *December 2019 - December 2022*

- Served as founding engineer for MEMX's core React application, architecting it from the ground up and maintaining it through major feature expansions.
- Established a reusable component architecture that became the foundation for subsequent UI development.
- Improved real-time market-data rendering through memoization, virtualization, and incremental updates.
- Enforced coding standards, accessibility compliance, and type safety across the growing codebase.
- Collaborated with backend teams to refine API design, improve data efficiency, and align client workflows with system-level business logic.
- Introduced Jest and Playwright automated testing, improving regression coverage and deployment confidence.

EarthCam, Inc. / NEW JERSEY

Lead Front-End Developer *July 2019 - December 2019*

- Led and mentored five junior front-end developers while managing planning, reviews, and delivery across concurrent applications.
- Maintained stability and delivered client features for a legacy jQuery platform while coordinating phased modernization.
- Enhanced media playback, real-time feed rendering, and UI performance for the React-based EarthCam Public Player.
- Collaborated with product and media teams to architect and launch EarthCam TV as a streaming-style interface for programmable public-camera channels.

EXPERIENCE / CONTINUED

EarthCam, Inc. / NEW JERSEY

Lead Front-End Developer (Continued) *July 2019 - December 2019*

- Designed and maintained a Storybook component library with 50+ reusable UI elements, improving feature delivery speed by over 40%.
- Migrated an internal Angular tool to React, reducing technical debt and improving performance and maintainability.
- Championed version-control, CI/CD, and front-end quality standards across projects.
- Served as the primary product, design, and engineering liaison for client and operational requirements.

Front-End Developer *March 2018 - July 2019*

- Maintained and refactored a large legacy jQuery platform, improving stability, load performance, and code organization.
- Built a React Share component and integrated it into the legacy application as a standalone bundle.
- Built and maintained a React application for internal and external users viewing live and recorded construction-site and public-landmark camera feeds.
- Developed media capabilities including real-time video playback, filtered clip generation, timelapses, and high-resolution image archives.
- Implemented Sentry error tracking, improving front-end observability and production issue resolution.
- Collaborated with backend and video teams to optimize data streaming, asset retrieval, and high-traffic media experiences.

PRODUCTS & VENTURES

Domani / PRODUCTION IOS & ANDROID APPLICATION

Co-Founder & Sole Developer *December 2025 - Present*

- Co-founded and solely developed Domani, an evening-planning and daily-priority application launched to production on iOS and Android in May 2026.
- Built the cross-platform mobile application with React Native, JavaScript, Tailwind CSS, Supabase, and SQL, alongside its live web presence.
- Delivered planning features including a top daily priority, task categories, reminders, intentional task rollover, and cross-platform lifetime-access purchasing.
- Owns end-to-end development, production maintenance, and consistent incremental feature delivery across both mobile platforms.

Independent Digital Agency / PART-TIME

Co-Founder & Full Stack Engineer *January 2024 - Present*

- Co-founded and operates a boutique digital agency serving small-to-midsize service businesses outside full-time work hours.
- Acts as sole technical architect, building platforms with Next.js 14, TypeScript, Supabase, and Tailwind CSS.
- Created a reusable React/Vite component library distributed through private npm packages.
- Built deployment and hosting pipelines across Netlify, Fly.io, and DigitalOcean.
- Integrated Google Search Console, GA4, Plausible, and SiteBehavior into data-driven SEO systems.
- Implemented metadata-driven content architecture for service-area pages, blog hubs, and local SEO landing pages.
- Managed technical delivery from discovery through launch with design and marketing partners.
- Delivered reported results including 40% faster page loads and 25-50% gains in organic visibility.