

HENRY APAW

Senior Software Engineer | Frontend Architect

Location: London, UK | [LinkedIn](#) | [Portfolio: henryapaw.com](#)

PROFESSIONAL PROFILE

Performance-driven **Senior Software Engineer** with over **13 years of commercial experience** architecting scalable web applications within AI, FinTech, and Web3 ecosystems. Expert in **React, TypeScript, and Next.js**, with a deep focus on **Frontend Architecture, Performance Optimization, and System Design**. Proven track record of leading high-impact projects for global brands (Chainlink, Argos, Rapp) and building complex, data-intensive SaaS platforms from 0 to 1.

CORE COMPETENCIES

- **Engineering:** React 18, Next.js (App Router), TypeScript, JavaScript (ES6+).
- **State & Data:** Redux Toolkit, Context API, TanStack Query, REST & GraphQL Integration.
- **UI/UX & Design:** Shadcn/ui, Tailwind CSS, Styled Components, Framer Motion, Figma.
- **Testing & Quality:** Jest, React Testing Library, Cypress, Unit & Integration Testing.
- **Cloud & DevOps:** AWS (S3, Lambda), Vercel, CI/CD Pipelines (GitHub Actions), Git-based workflows.
- **Architecture:** Component-Driven Development, System Design, Agile Methodologies.

SELECTED PROJECTS (Technical Case Studies)

CopyCoach.app | Lead Full-Stack Engineer

An AI-driven SaaS platform for high-performance copy auditing.

- **Architecture:** Engineered a full-stack solution using **Next.js and AWS**, implementing a decoupled architecture to handle heavy AI processing.
- **AI Integration:** Integrated OpenAI API with streaming responses to ensure low-latency UX and a seamless "real-time" auditing feel.
- **UX/Performance:** Developed a custom scorecard visualization system using **Shadcn/ui** to simplify complex AI data for users.
- **Testing:** Established 85% test coverage using **Jest and RTL** for core auditing logic.

StockBaller | Senior Frontend Engineer

A FinTech dashboard for real-time stock and portfolio tracking.

- **Data Viz:** Developed innovative visualizations for user portfolios, managing high-frequency data updates with sub-100ms latency.
- **State Management:** Architected a complex global state solution using **Redux Toolkit** to synchronize market data across multiple dashboard views.

- **Optimization:** Utilized React memoization and virtualization to maintain 60fps performance while rendering thousands of data points.

Email Customizer | Senior Design Engineer

A complex drag-and-drop UI engine for dynamic email template creation.

- **Innovation:** Built a custom JSON-to-HTML engine that generates responsive, cross-client compatible email code from a visual canvas.
- **UI Frameworks:** Leveraged **Tailwind CSS** and advanced DOM manipulation logic to provide a desktop-class editing experience in the browser.

PROFESSIONAL EXPERIENCE

Full Stack Software Developer (Contract) | Various (Chainlink, StockBaller)

Dec 2024 – Present (and previous tenures)

- Lead the frontend development for **DeFi and FinTech** applications, ensuring strict type-safety with **TypeScript**.
- Architected Smart Contract interfaces using **Ether.js** and **Hardhat**, bridging complex Web3 backend logic with intuitive React UIs.
- Collaborate in **Agile product teams** to deliver user-centric digital products, consistently meeting sprint goals and performance budgets.

Senior Design Engineer (Contract) | Rapp

July 2025 – Dec 2025

- Developed high-performance internal applications and data-driven HTML5 campaigns for tier-1 clients.
- Bridged the gap between Design and Engineering by establishing a shared **Component Library**, reducing UI development time by 30%.

Senior Front-End Developer | Argos / Ann Summers / Various Agencies

2018 – 2024

- Architected and maintained large-scale e-commerce features using **React** and **Node.js**.
- Optimized legacy codebases for **performance and accessibility (WCAG 2.1)**, resulting in improved SEO rankings and user retention.
- Mentored junior developers on modern engineering practices, including **Git-based workflows** and **CI pipelines**.

CERTIFICATIONS & EDUCATION

- **Tokenized RWA Bootcamp** | Chainlink Labs (2024)
- **Chainlink Fundamentals Certification** | Chainlink Labs (2024)

- **Automation Developer: Level 1 & 2** | Robocorp.com (2023)
 - **JavaScript Algorithms and Data Structures** | FreeCodeCamp (2020)
 - **HND Graphic Design** | Southwark College (2003 – 2005)
-

TECHNICAL NOTES FOR RECRUITERS

- **Seniority:** 13+ years of commercial experience.
- **Current Stack focus:** Next.js 14/15, TypeScript, Shadcn/ui, AWS.
- **Availability:** Open to Senior, Lead, or Staff-level Frontend/Full-stack roles.