

ARJAY BAYONA

+639934082230 | arjayby1@gmail.com | linkedin.com/in/arjayby | github.com/arjayby

EDUCATION

Central Philippine University, Iloilo City, Philippines
B.S. in Information Technology

Jun 2014 — Oct 2018

EXPERIENCE

Software Developer

Bounty *Sep 2023 — Jul 2024*

- Architected, built, and maintained **100% of the frontend application** using **React** and **TypeScript**, delivering a scalable production platform.
- Implemented server-driven workflows and API integrations using **Prisma** and **tRPC**, improving data consistency and reducing failed requests.
- Collaborated closely with product and backend teams through PR reviews and RFC-style discussions, accelerating feature delivery by **8 weeks**.
- Optimized state management, cache invalidation, and optimistic update using React Query, **reducing redundant network calls twice or more** and improving perceived performance.

Frontend Developer

Jewel Paymentech *May 2021 — May 2023*
Singapore (Remote)

- Developed and scaled a multi-tenant **React** frontend supporting multiple enterprise clients on a single codebase, reducing maintenance overhead.
- Implemented client-specific UI logic and theming systems, enabling rapid customization while maintaining performance and design consistency.
- Added automated unit and component tests using React Testing Library, increasing test coverage to **92%** and preventing regressions.

Software Engineer

StackTrek *Oct 2018 — Jan 2021*
Iloilo City, Philippines (On-site)

- Delivered multiple production web and mobile applications using **React**, **Node.js**, and **Firebase**, supporting applications with **10,000+ users**.
- Built API-driven features with **Feathers.js**, implementing graceful degradation for third-party service failures.
- Collaborated with QA and product stakeholders to meet performance, scalability, and accessibility requirements, achieving **99% uptime targets**.
- Designed secure authentication flows using OAuth and token-based strategies, reducing authentication-related issues.

LEADERSHIP EXPERIENCE

Software Developer

Bounty *Sep 2023 — Jul 2024*

- Owned and delivered **100% of the frontend application**, architecting and maintaining a scalable **React** and **TypeScript** codebase with defined state management (Zustand, React Query), API integration patterns, and release processes, reducing long-term complexity.
- Drove frontend performance, accessibility, and quality by implementing caching, memoization, code-splitting, and testing strategies, improving Core Web Vitals close to **98%**.

PROJECTS

HouseFit Gym

| Next.js, React, TypeScript, Tailwind CSS, Clerk, Supabase *Jul 2025 — Dec 2025*

- Designed and developed a custom admin dashboard to manage members, memberships, QR-code check-ins, and inventory, streamlining daily gym operations and reducing manual tracking by **500%**.

SKILLS

Languages: Elixir, TypeScript, JavaScript, SQL, HTML5, CSS

Developer Tools: Git, Docker, Supabase, Firebase, Postman, Jira, Vercel, NX Monorepo

Libraries/Frameworks: Next.js, React.js, Expo, React Native, Node.js, Prisma, tRPC, React Query/Tanstack Query, Tanstack Router