

Andrien B. Pecson

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PROFESSIONAL SUMMARY

Software Engineer with 10+ years of shipping production applications across e-commerce, fintech, and analytics. Expert in TypeScript, React, and Node.js, with deep experience building serverless AWS architectures and automation pipelines that streamline business operations. Proven ability to own systems end-to-end, turning ambiguous requirements into production platforms.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, SQL, PHP, Python

Frontend: React, React Native, Next.js, Remix, jQuery, State Management (Redux, Context API, Zustand), CSS3, Tailwind CSS, SCSS, Vite, Webpack, Liquid, Responsive Design, Cross-Browser Compatibility

Backend: Node.js, Express, REST APIs, GraphQL, Webhooks, System Integrations, JWT, OAuth

AI & Automation: OpenAI API, Anthropic API, Claude Code, Cursor, Agentic Coding, RAG, n8n, Apify, Fivetran

Cloud & Infrastructure: AWS (Lambda, API Gateway, SQS, SNS, S3, Firehose, Kinesis, IAM, Secrets Manager), Serverless Architecture, Microservices, Docker, Vercel, Heroku

Data & Storage: PostgreSQL, MySQL, Supabase, Snowflake, Redis, Knex.js, Sequelize, Data Pipelines (ETL), Schema Design

DevOps & Quality: Git, GitHub Actions, Jest, Vitest, CloudWatch, Sentry, Grafana

Platforms & CMS: Shopify, Shopify CLI, WordPress

Practices: Agile/Scrum, Code Reviews, Project Management (Jira)

PROFESSIONAL EXPERIENCE

Fanrock
Software Engineer

San Francisco, CA (Remote)
July 2019 – March 2026

- Architected and deployed a full-stack product discovery platform with Remix that aggregates trending e-commerce data, reducing manual product research and enabling data-driven merchandising.
- Built a scalable TypeScript and Apify scraper to collect product listings, reviews, ad creatives, and traffic data across platforms, feeding structured data into S3 and Snowflake to power product discovery, pricing strategy, and market-positioning analysis.
- Built serverless automation pipelines on AWS that automated key business workflows, including inventory and fulfillment, across distributed systems, reducing manual effort across operations.
- Developed serverless data aggregation functions that collected, normalized, and transformed data from multiple third-party APIs into unified datasets, powering the backend data layer for sales and analytics dashboards.
- Developed and maintained a full-stack analytics platform with React and Next.js that provided sales tracking, competitor intelligence, and product performance insights, helping users identify revenue opportunities.
- Engineered production Shopify apps and custom storefront components with Shopify CLI, React, and Remix, extending platform capabilities and improving e-commerce conversion for client storefronts.
- Built internal operations tools with Shopify CLI and React, including a product management app that extended product customization beyond Shopify's default options, replacing manual workflows and improving day-to-day productivity.

- Worked cross-functionally with business and operations teams to scope, prioritize, build, and track delivery across multiple projects.

Volenday

[Web & Mobile Application Developer](#)

Makati, Philippines
June 2015 – July 2019

- Designed and built a custom React Native point-of-sale app for a multi-branch agricultural supply company, enabling real-time sales processing across all store locations.
- Built the companion admin dashboard for the same POS platform with React and Express, giving head-office staff centralized visibility into sales, inventory, and reporting across all branches.
- Architected a client-facing web portal and internal admin dashboard with Express and jQuery for a licensed Philippine lending company, supporting end-to-end loan lifecycle management from origination and disbursement through repayment and collections.
- Shipped a cross-platform React Native mobile app for the same lending platform, surpassing 10,000 downloads on iOS and Android.
- Maintained and enhanced internal company websites, shipping bug fixes, feature updates, and performance improvements.
- Served as technical liaison to enterprise stakeholders, translating ambiguous requirements into architecture decisions and phased roadmaps that aligned engineering work with business priorities.
- Mentored developers through structured code reviews and pairing, establishing review standards that reduced defects and shortened new-developer onboarding.

AWARDS & CERTIFICATIONS

5 Years Loyalty Award

[Fanrock](#)

December 2024

Circle of Excellence Award (Q4 2016)

[Volenday](#)

January 2017

Career Service Professional Eligibility

[Philippine Civil Service Commission](#)

December 2014

EDUCATION

Saint Louis University

[Bachelor of Science in Computer Science](#)

May 2015