

# JOSHUA DINH

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## Summary

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Full-stack engineer with 4+ years building production React/TypeScript applications. Shipped two major releases of the leading WordPress donation plugin (100K+ active installs), then founded YieldStream — a B2B SaaS underwriting platform with a document intelligence layer, designed for brokers in alternative lending.

## Experience

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### YieldStream LLC

San Diego, CA

*Underwriting intelligence platform for equipment finance lenders*

Founder & Lead Engineer

Nov 2025 – Present

- **Reduced document processing from 60s to under 2s** by designing a 4-tier extraction cascade (pdfplumber, PyMuPDF, Tesseract, LlamaParse) — 90% of documents resolve at tier 1 in under 200ms.
- **Designed a 3-layer scoring model** (market signals, relationship pull-through, attribute risk) that replaced gut-feel routing with deterministic, auditable lender recommendations.
- **Shipped Ledger, a standalone Python/FastAPI microservice** with a 62-test suite, Dockerized builds, and Terraform-managed AWS Lambda deployment.
- **Identified and patched an IDOR vulnerability** by introducing a secureApiHandler utility and role-based authorization across all mutation endpoints.
- **Orchestrated 13 background jobs via Inngest** with per-step retries, failure isolation, and rate-limit-aware Gemini AI inference (15 RPM token bucket).

### StellarWP (GiveWP) — Liquid Web

Remote

*Leading WordPress donation plugin powering 100,000+ nonprofit installations*

Software Engineer

Apr 2022 – Oct 2025

- **Shipped 253 pull requests across 6 repositories** for the core plugin and addons, contributing to two major releases (3.0 and 4.0).
- **Co-built the visual donation form builder** (React 18, TypeScript, Gutenberg) — the centerpiece of the 3.0 release that rewrote 664,253 lines of code; contributed responsive previews, iframe modal rendering, and the onboarding tour.
- **Owned the donation amount descriptions feature end-to-end** across 33 files — form builder UI, v2-to-v3 migration, and rendering across all form designs.
- **Led the v2-to-v3 migration for 4 mailing addons** (Mailchimp, Constant Contact, ActiveCampaign, ConvertKit), designing a FormMetaDecorator abstraction for non-destructive rollout across heterogeneous meta-key schemas.
- **Developed Campaign Blocks** for the 4.0 release, introducing campaign-based fundraising with new admin pages, Gutenberg blocks, and data model changes.
- **Refactored admin overview pages** into modular container components, establishing the team's reference architecture (645-line PR) for new admin views.
- **Led the accessibility audit remediation effort** to bring the admin UI into compliance — implementing ARIA labels, keyboard focus management, semantic HTML, heading hierarchy, and color contrast standards across the product.

### View Ridge Funding

San Diego, CA

*Merchant Cash Advance (MCA) brokerage*

Account Representative

Jan 2019 – Apr 2020

- **Managed full-lifecycle deal flow** for Merchant Cash Advance transactions, from prospect qualification through funding and offer negotiation.
- **Identified manual workflow inefficiencies** in underwriting and submission that became the foundational thesis for YieldStream.

## Additional

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**Skills:** TypeScript, JavaScript, PHP, Python, SQL, React 18, Next.js 15, Node.js, WordPress Gutenberg, REST APIs, PostgreSQL, Supabase, Vercel, PHPUnit, pandas, Composer