

LAWRENCE PLANTE

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SUMMARY

Full-stack developer and technical founder with 5 years shipping production software end to end. Founded Dark Oak Studios and delivered two consecutive Ripple Foundation grant-funded products on the XRP Ledger, including Nexus, a 100+ endpoint API platform built on a PHP/Laravel core with Node.js/TypeScript services and a Unity C# SDK. Hands-on with React, Node.js, and Python; authored the specs for every platform feature while directing a senior distributed engineering team.

PROFESSIONAL EXPERIENCE

Founder & Technical Lead · Dark Oak Studios

Aug 2021 – Present

Remote

- Shipped two consecutive Ripple Foundation grant-funded products (\$250K combined) end to end: Junction, a Web3 gaming platform, and Nexus, a 100+ endpoint reward, commerce, and payout API platform on the XRP Ledger.
- Owned product and technical design for every Nexus feature: authored visual and technical specs, ran all QA and bug triage, and directed a four-person senior engineering team building a PHP/Laravel core, Node.js/TypeScript services, and a Unity C# SDK.
- Personally wrote roughly 25% of Junction's shipped code (React/JavaScript front end, Node.js back end), including the XRPL ecosystem's first Xaman/XUMM wallet integration inside Unity.
- Ran cloud infrastructure across AWS (EC2, S3, IAM, Amplify) and Railway; commissioned a third-party penetration test, remediated findings, and passed the retest.
- Delivered multiple XRPL firsts: third project on the ledger to mint XLS-20 NFTs, NFT-to-token recycling, multi-asset payments (RLUSD, issued tokens), and card/PayPal/Venmo webhooks to on-chain rewards.

Bartender / Acting Lead · Level 8 Rooftop Bar (Hotel Duval, Marriott)

Aug 2022 – May 2026

PROJECTS

- StaxBacktester (2026): options-signal analytics and backtesting platform. FastAPI/SQLAlchemy API, React + Vite + Tailwind UI; milestone/drawdown analytics and a configurable exit-strategy backtester.
- FridgeStock: self-hosted pantry PWA, TypeScript monorepo (Fastify, Drizzle ORM, React/Vite); barcode scanning, cron digests, Claude API meal suggestions; Vitest tests.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, C#, Python, Java, SQL, HTML5, CSS3

Frameworks & Libraries: React, Next.js, Node.js, Laravel, Unity

Cloud, Data & Tools: AWS (EC2, S3, IAM, Amplify), Railway, Docker, Git & GitHub, PostgreSQL, Linux

AI & Practices: OpenAI & Anthropic API integration, prompt engineering, REST API design, OOP, MVC, QA & testing, technical specs

EDUCATION

B.S., Business Management · Florida State University

Aug 2018 – May 2022

Minor in Computer Science (50 credit hours of CS coursework) | Tallahassee, FL