Abhiraaj Konduru

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EDUCATION

Shrewsbury High School, Shrewsbury, MA — Class of 2029

- **GPA 4.996 / 5.000** (weighted), A+ in every course.
- Skipped 10th-grade math to take 11th-grade math as a sophomore: **one of 6 students in a class of 523**.

EXPERIENCE

OneSource, Xenspire Group · *Software Engineer & Product Lead* — Feb 2026 – Present

Recruiting firm. I design its systems end to end and build them by directing AI coding agents, then verify the result.

HiringOS: client platform · Next.js, TypeScript, PostgreSQL, Stripe, GCP — abhiraajkonduru.com/hiringos

- From an empty repo, built a platform that lets a recruiting firm sell its service like SaaS: clients request a search, approve, review candidates, and pay in one place. Interviewed recruiters before writing code; live since Oct 2026.
- Modeled every engagement as an instance of an **admin-configurable service template** (approvals, calls, payments), so the business changes its process without code; a versioned CLI lets admins safely edit them with Claude Code.
- Integrated **Stripe** across credit packages, net-term invoices, payment plans, and add-ons. Webhooks are signature-verified and idempotent, and a conditional-update credit ledger stops two tabs from spending the same last credit.
- Built a business-time **promise engine**: guarantees on any step pause while waiting on the client and credit the client automatically when missed (ships in the next release).
- Built **role-based permissions** for client teams and staff (roles as data), with a test that fails if any route or action skips its permission gate. **Nearly 3,800 automated tests**, including 67 integration suites on a real Postgres.

Flow360: platform refactor · FastAPI, SQLAlchemy, PostgreSQL, Next.js — abhiraajkonduru.com/flow360

- Saw the platform mirrored a linear applicant tracking system while the business ran on nonlinear buckets; designed a **typed objective model** (target pipelines, ongoing pools, terminal exits) reused in recruiting and marketing.
- Owned the frontend and backend refactor in a live, multi-engineer codebase: replaced ambiguous objective-to-job links with **enforced one-to-one ownership** using staged Alembic migrations, deferred constraints, and compatibility projections so deployed code kept working mid-cutover. Shipped to production.
- Rehearsed the migration on a **full production copy (100K+ person records)**: repaired 7,117 broken workflow positions, reconciled 3,011 stale tasks, and fixed the deletion bug behind them with restrictive foreign keys.

PROJECTS & WRITING

Daydock · *Founder, The Daydock Foundation* · daydock.vercel.app — Aug 2026 – Present

- Free, open-source, local-first planner for students (Tauri, React, CodeMirror), plus free workshops for high schoolers.

Nomos · *"Writing Down What the Code Cannot Say"* · therealbuild.substack.com — Oct 2026

- Framework (soon an open-source agent skill) for keeping AI-written code faithful to product intent.

On abstraction · *personal site* · abhiraajkonduru.com — 2026

- Essay on my strongest skill: break a problem into layers, find the model underneath, build it once.

LEADERSHIP

Divergent Teams · *Director of Sponsorship & Partnerships; Director of Logistics & Operations* — Dec 2025 – May 2026

- Co-ran a Microsoft-partnered regional high school hackathon in Boston (100+ participants) on a 13-person director team; **raised ~$15,000 in sponsorship value** through outreach systems and automations I built.

SKILLS

How I build	Break problems down, find the patterns underneath, and document intent (Nomos); then direct AI coding agents to build it and verify rigorously: edge cases, logic and UX audit agents, my own review.
Systems	Data modeling, Postgres constraints, live-data migrations, permissions; tracing DB errors through code.
Platforms	GCP and Docker in production; Stripe API, webhooks, and dashboard setup. Working knowledge of Next.js, Prisma, FastAPI, Alembic, Tauri.
Languages	C++ (algorithmic problem-solving practice); JavaScript (building hand-written fluency now); TypeScript (review, debugging, AI-assisted implementation). Quick to pick up new languages.