

# YASHRAJ YADAV

## Full-Stack Developer

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### Summary

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Full-stack developer building production-ready systems with TypeScript, Next.js, and PostgreSQL. Focused on data integrity, transactional systems, and AI-integrated products. Self-taught and project-driven with a track record of shipping complete, deployed applications.

### Skills

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**Languages:** TypeScript, JavaScript

**Frontend:** React.js, Next.js, Tailwind CSS, Framer Motion, Vite

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Nodemailer (OAuth2)

**Databases:** PostgreSQL, MongoDB, Drizzle ORM

**Tools:** Git, GitHub, Vercel, Bun, Chrome Extensions (Manifest V3)

**AI:** Google Gemini API,

### Projects

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**Banking Ledger (Zeno Bank)** | *Next.js, TypeScript, PostgreSQL, Drizzle ORM* Live — GitHub

- Architected a double-entry ledger system ensuring strict DEBIT/CREDIT consistency per transaction.
- Structured atomic SQL transaction workflows with rollback safety; validated across 100+ simulated transactions.
- Integrated idempotency keys eliminating duplicate transactions (0% double-spend risk).
- Developed secure JWT authentication with Gmail OAuth2 email verification and httpOnly cookie sessions.
- Computed account balances dynamically from ledger entries ensuring tamper-proof auditability.
- Designed append-only ledger schema with UUID primary keys and enum-typed transaction states.

**Prompt-Jacker** | *Next.js, TypeScript, Gemini Vision API, Framer Motion* GitHub

- Built an AI-powered reverse-engineering tool that deconstructs images into structured prompts for generative models.
- Extracted camera specs, lighting architecture, UI structure, and design tokens from images using Gemini Vision.
- Engineered mode-specific structured prompt pipelines producing consistent, parseable outputs across Art Thief and UI Pirate modes.
- Implemented Framer Motion animations for smooth mode transitions and interactive UI feedback.

**Second Brain App** | *React.js, Node.js, TypeScript, MongoDB* Live — GitHub

- Developed a full-stack knowledge management system supporting tweets, videos, articles, and links.
- Built REST APIs with structured CRUD operations and scalable schema design for future search expansion.
- Architected fully separated frontend/backend services each independently deployable.

**Simplify (Chrome Extension)** | *TypeScript, Gemini API, Manifest V3* GitHub

- Built a Manifest V3 Chrome extension simplifying web content via Gemini AI with ELI5 and analogy modes.
- Implemented intelligent DOM parsing prioritizing semantic HTML elements for accurate content extraction.
- Ensured data privacy by storing API keys in local storage with no external persistence.

**Agentforce Marketing** | *Next.js 16, Tailwind CSS, Framer Motion* Live — GitHub

- Built a fully responsive marketing landing page with page-wide animations using Framer Motion.
- Designed reusable component architecture across hero, pricing, FAQ, and feature sections.
- Implemented system-aware dark/light mode and animated mobile navigation drawer.

### Certifications

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- Complete Web Development + DevOps + Blockchain Cohort — 100xDevs (2026)
- The Web Developer Bootcamp 2.0 — Udemy