Pranshu Chawla

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Full-stack developer skilled in building secure, scalable, and accessible web applications using modern frameworks. Proven ability to design and ship polished products from scratch, with strong fundamentals in frontend, backend, and DevOps.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL
Frameworks & Libraries: React, Next.js, Node.js, Django, Tailwind CSS, MUI, Chart.js
Backend & Databases: PostgreSQL, Prisma, Supabase, REST APIs, MongoDB, SQLite
DevOps & Testing: GitHub Actions (CI/CD), Jest, Docker, Vercel
Tools & Systems: Git, Linux, GitLab, VSCode
Core Competencies: Scalable Architecture, Debugging, Accessibility, OOP, CI/CD, Agile Development

PROJECTS & TECHNICAL EXPERIENCE

Kindlore – Personal Knowledge Organizer for Kindle Highlights *[Live]*
Next.js, TypeScript, PostgreSQL, Prisma, Auth.js, Tailwind CSS

- Developed a production-ready platform enabling users to import, organize, and annotate Kindle highlights with secure Google authentication and end-to-end encryption.
- Designed and implemented scalable schemas for users, books, clippings, and reflections, with row-level security to ensure privacy and data isolation.
- Built a Clippings file ingestion pipeline with automatic de-duplication, allowing safe re-uploads without duplicate entries or loss of annotations.
- Delivered a distraction-free, mobile-optimized interface using reusable React components, enhancing the reading and reflection experience.

Unbound – Web Platform for Sharing Uplifting Reflections *[Live]*
Next.js (App Router), TypeScript, PostgreSQL, Prisma, Auth.js, Tailwind CSS

- Architected and deployed a secure full-stack platform for sharing and discussing short-form reflections in real time.
- Developed modular backend APIs and integrated Google OAuth to provide a seamless, personalized login experience.
- Created an accessible, mobile-first interface with interactive animations via Framer Motion to improve user engagement and readability.
- Implemented a soft-deletion data model to safeguard user content while simplifying database maintenance and recoverability.

Daily Task Logger – Personal Dashboard for Consistency Tracking *[Live]*
React, Next.js, Supabase, PostgreSQL, MUI, Chart.js

- Built a personal productivity tool to log daily tasks and visualize completion trends over time.
- Implemented responsive UI components with MUI and data visualization via Chart.js, improving clarity of progress tracking.
- Developed efficient CRUD operations optimized for low-latency data access using Supabase/PostgreSQL.
- Automated deployment and delivery with Vercel CI/CD, ensuring fast and reliable updates with minimal downtime.

WORK EXPERIENCE

IT Technician – College of Business

University of Toledo — Toledo, OH | Oct 2021 – May 2025
- Delivered reliable technical support for 300+ students and faculty across hardware and software related issues.
- Documented common support workflows and created onboarding materials for new team members.
- Managed and maintained inventory systems and device setups, improving efficiency in classroom and lab environments.

EDUCATION

University of Toledo – B.S. in Computer Science Engineering
Toledo, OH – May 2025