

Pranshu Chawla

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EDUCATION

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

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 (basic), Vercel

Tools & Systems: Git, Linux, GitLab, VSCode

Core Competencies: Scalable Architecture, Debugging, Accessibility, OOP, CI/CD, Agile Development

PROJECTS

Unbound – Web Platform for Sharing Uplifting Reflections [\[Live\]](#)

Next.js (App Router), TypeScript, PostgreSQL, Prisma, Auth.js, Tailwind CSS

- Built a secure, scalable full-stack platform for real-time content sharing and feedback.
- Developed backend APIs with modular architecture and integrated Google OAuth for authentication.
- Implemented a mobile-first UI with accessible components and interactive animations using Framer Motion.
- Designed a soft-deletion flow to preserve data integrity and improve long-term maintainability.

Daily Task Logger – Personal Dashboard for Consistency Tracking [\[Live\]](#)

React, Next.js, Supabase, PostgreSQL, MUI, Chart.js

- Engineered a backend system to track task patterns and visualize daily progress.
- Created responsive UI components with MUI and integrated charts for data insights.
- Developed robust CRUD operations with attention to performance and responsiveness.
- Automated deployments using Vercel's CI/CD pipeline and iterated based on usage feedback.

Kindlore – Personal Knowledge Organizer for Kindle Highlights [\[Live\]](#)

Next.js, TypeScript, PostgreSQL, Prisma, Auth.js, Tailwind CSS

- Built a secure full-stack app to import and organize Kindle highlights with Google authentication and end-to-end encryption.
- Implemented Clippings file upload with automatic de-duplication and linked personal notes/reflections for deeper reading insights.
- Developed scalable schemas for users, books, clippings, and reflections, with structured note-taking APIs and row-level security
- Created a mobile-friendly, distraction-free UI using reusable React components for focused reading and journaling.

WORK EXPERIENCE

IT Technician – College of Business

University of Toledo — Toledo, OH | Oct 2021 – May 2025

- Provided technical support to over 300 students and faculty, resolving both urgent and recurring issues.
- Improved inventory and asset tracking workflows to reduce downtime.
- Authored internal documentation and onboarding guides to accelerate team ramp-up.
- Collaborated cross-functionally to diagnose and troubleshoot hardware and software problems.