

Prashant Bhardwaj

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Technical Skills

- **Languages:** Python, TypeScript, JavaScript, Golang, Elixir
- **Frontend:** React, Expo, Next.js, Tailwind CSS, React Native, Astro
- **Backend:** FastAPI, Node.js, Express, Hono.js, FastAPI, Phoenix
- **DS Arsenal:** Pandas, Scikitlearn, Matplotlib, Seaborn, Polars, Quarto
- **Databases & Caching:** PostgreSQL, DuckDB, Redis
- **DevOps & Cloud:** Docker, GitHub Actions, AWS, Cloudflare
- **Testing & Tools:** Cypress, Jest, Git, Neovim, RabbitMQ

Featured Projects

SWC-fantasy-football | End-to-End Data Science API Infrastructure

Python, FastAPI, SQLAlchemy, SQLite, Pytest, Render, Jupyter, Airflow, Streamlit, LangChain, Gemini 2.0

- Built a full-stack data science platform inspired by a curriculum-style workflow—spanning API design, deployment, and AI integration
- Developed a SQLite-backed database, exposed via FastAPI with 98% test coverage (Pytest), and deployed APIs and models using Render
- Created a Python SDK for simplified client use; integrated ML workflows with Gemini 2.0 and LangChain for AI-driven data interaction
- Used Apache Airflow to orchestrate data pipelines and Streamlit for real-time visualization dashboards powered by live API data

CoreTrack | Local-First Mobile Workout Application

React Native, Expo, TypeScript, Zustand, Immer, SQLite, Expo Router

- Engineered a cross-platform mobile fitness application implementing local-first architecture with SQLite for offline data persistence
- Designed efficient global state management using Zustand with Immer, creating a streamlined system for workout, exercise, and set tracking
- Implemented responsive UI with automatic theme switching, optimized database queries, and intuitive navigation through Expo Router

Greenlight | JSON Movie API Backend

Golang, PostgreSQL, Redis, JWT, Docker, Prometheus, Email, CI/CD

- Greenlight — a JSON API for retrieving and managing movie data, inspired by the Open Movie Database API
- Built secure REST endpoints with full CRUD, filtering, pagination, JWT auth, user activation, password reset, and email support
- Added metrics, health checks, graceful shutdown, rate limiting, and Dockerized CI/CD for reliable production-grade deployment

Artify | Design Platform

Next.js, Fabric.js, Hono.js, Serverless PostgreSQL, Shadcn, UploadThing

- Developed an interactive design tool achieving **40% performance improvement** in render times through optimized component architecture and state management

- Implemented secure OAuth authentication with Auth.js and streamlined database operations using Drizzle ORM
- Designed scalable serverless backend infrastructure with Hono.js and PostgreSQL, enabling seamless client-server communication

Professional Experience

- **Codedamn** **June 2024 - August 2024**
Software Development Intern
 - Developed comprehensive end-to-end test suites utilizing Cypress
- **Innogeeks Winter Of Code (IWOC 2.0)** **January 2024 - February 2024**
Open Source Contributor

Education

Bachelor of Technology in Information Technology **2021 - 2025 (June)**
Noida Institute of Engineering and Technology (AKTU), Greater Noida, India