

# Prashant Bhardwaj

✉ prashanttbhardwaj@gmail.com |  GitHub |  LinkedIn |  Portfolio

## Technical Skills

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- **Languages:** Python, TypeScript, JavaScript, Golang, Elixir, SQL, Lua, Snowflake SQL
- **Frontend:** React, Expo, Next.js, Tailwind CSS, Fabric.js, React Native, Astro
- **Backend:** FastAPI, Node.js, Express, Nest.js, Hono.js, FastAPI, Phoenix
- **Databases & Caching:** PostgreSQL, MongoDB, Redis, Drizzle ORM, Ecto
- **DevOps & Cloud:** Docker, Kubernetes, GitHub Actions, AWS, Cloudflare, Nginx, Snowflake
- **Testing & Tools:** Cypress, Jest, Git, Neovim, RabbitMQ

## Featured Projects

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### 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

### Raffley | Real-Time Charity Auction Platform

*Elixir, Phoenix LiveView, HEEx, Ecto, PostgreSQL, TailwindCSS, PubSub*

- Developed a full-stack real-time platform enabling live bidding with dynamic updates through Phoenix LiveView and PubSub
- Built secure backend with Ecto schemas, authenticated sessions, and live form validations using changesets
- Leveraged Phoenix Presence for user tracking and real-time notifications, enhancing user engagement

### 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

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- **Codedamn** **July 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

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