

Prashant Bhardwaj

✈ Portfolio | ✉ prashanttbbhardwaj@gmail.com | 🌐 Github | 🔗 LinkedIn | ⚡ TypeHero

SKILLS

- **Languages:** TypeScript, Python, Golang, Java, JavaScript, Bash, Elixir, Lua, SQL
- **Frameworks & Libraries:** Next.js, React, React Native, Cobra, Puppeteer, Scrapy, Astro, Molecular, Hono, Node, Express, FastAPI, Pydantic, Fiber, Nest.js
- **Developer Tools:** Git, Docker, Kubernetes, GitHub Actions, Cypress, Nginx, Neovim, Grafana, Prometheus, Elasticsearch, Kafka, RabbitMQ
- **Cloud & Databases:** Cloudflare, AWS, PostgreSQL, MongoDB, Redis

EDUCATION

Noida Institute of Engineering and Technology(AKTU)

Sep, 2021 - July, 2025

B.Tech. in Information Technology

PROJECTS

Artify | Design Platform | *Next.js, Fabric.js, Hono, Serverless Postgres(Neon), Shandcn, UploadThing*

- Developed a modern design application using **Next.js** and **Fabric.js**, achieving faster load times through **optimized rendering**
- Implemented secure authentication with **Auth.js** and **Drizzle ORM**, resulting in enhanced user security and data protection
- Engineered real-time collaboration features and **auto-save functionality**.

GOPHERSocial | API Backend | *Golang, PostgreSQL, Redis, rad Mailtrap, JWT, Docker*

- Engineered a **production-grade REST API** following **clean architecture principles** and **repository pattern**, implementing comprehensive **CRUD operations** for posts and user management
- Implemented advanced features including **JWT authentication**, **role-based authorization**, **rate limiting**, and **Redis caching**, improving response times by **40%**
- Developed robust **user feed algorithm** with **SQL optimization**, pagination, and filtering capabilities. Integrated **automated testing**, **structured logging**, and **metric monitoring** for production reliability

ProStore | Ecommerce | *Next.js, PostgreSQL, Stripe, PayPal, NextAuth, Prisma, Tailwind CSS*

- Architected a full-stack e-commerce platform using **Next.js** and **PostgreSQL**, implementing multi-payment integration (**Stripe**, **PayPal**, **COD**), and secure user authentication via NextAuth. Enhanced user experience with dark/light mode theming and streamlined checkout process.
- Designed and implemented an intuitive **admin dashboard** with dynamic analytics visualization using **Recharts**, featuring comprehensive order management, multi-image upload functionality, and customer review system. Leveraged **Prisma ORM** and server-side rendering for optimized performance, achieving **45% reduction in database query times**.

Cube | Minimalistic Orchestrator | *Golang, Chi, BoltDB, DockerSDK, Goprocinfo*

- **A Minimalistic Orchestrator using Go and Docker SDK:**
Architected and implemented Cube, a **modular microservices-based orchestrator**, using **Go (Golang)**. Designed core components including **Task**, **Worker**, **Manager**, and **Scheduler**, and integrated Docker SDK for seamless container management.
- **Optimized Performance and Monitoring with BoltDB and Goprocinfo:**
Enhanced Cube's efficiency by developing a **persistent storage system** using **BoltDB**, achieving a **30% reduction** in task retrieval times. Integrated **goprocinfo** for real-time system metrics collection and exposure, improving monitoring capabilities by **40%**.

EXPERIENCE

Cloud-Native Hackathon | *Participant*

April, 2023

- Built a Cloud Native App using Napptive Cloud Platform.

Innogeeks Winter Of Code (IWOC) | *Participant*

January, 2024 - February, 2024

- Participated in the Innogeeks Winter Of Code (IWOC 2.0).