Prashant Bhardwaj

</> Full Stack Developer ✉ prashanttbhardwajj@gmail.com | ⬡ github.com/Prashant20nov2003 | in
linkedin.com/in/prashant-bhardwaj20/ | </> typehero.dev/@Prashant20nov2003

EDUCATION

Noida Institute of Engineering and Technology(AKTU)   Sep, 2021 - July, 2025
B.Tech. in Information Technology

SKILLS

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

PROJECTS

Artify — Design Platform | *Next.js, Fabric.js, Hono, Serverless Postgres(Neon), Shandcn, UploadThing*
- Engineered a modern design platform leveraging **Next.js and Fabric.js**, achieving optimal performance through **advanced rendering optimization**
- Implemented enterprise-grade security with **Auth.js and Drizzle ORM**, ensuring robust data protection and user authentication
- Developed seamless real-time collaboration features with **automated version control and conflict resolution**

GopherSocial — API Backend | *Golang, PostgreSQL, Redis, REST API, JWT, Docker*
- Architected a **production-ready REST API** implementing **clean architecture principles** and **repository pattern**, delivering comprehensive **CRUD operations** for content management
- Integrated advanced security features including **JWT authentication**, **role-based access control**, **rate limiting**, and **Redis caching**, boosting performance by **40%**
- Engineered sophisticated **content recommendation algorithm** with **optimized SQL queries**, implementing pagination and filtering for enhanced user experience

JAE — E-Commerce | *Node.js, React.js, MongoDB, Redis, Stripe, JWT, Tailwind CSS*
- Developed a full-featured e-commerce platform utilizing Node.js and React.js, implementing secure Stripe payments, shopping cart functionality, and inventory management system. Enhanced security with JWT authentication and Redis caching, resulting in **35% faster** response times
- Created an advanced analytics dashboard featuring real-time sales tracking, inventory management, and promotion system. Optimized performance through MongoDB indexing and Redis caching, delivering **45% faster** page loads

Cube — Container Orchestration System | *Golang, Chi, BoltDB, DockerSDK, Goprocinfo*
- **Microservices Architecture and Container Management:**
  Designed and implemented Cube, a **scalable container orchestration system**, using **Golang** and Docker SDK. Architected core components including **Task Scheduler, Worker Management, and Resource Allocation**
- **Performance Optimization and Monitoring:**
  Enhanced system reliability through **persistent storage implementation** with BoltDB, achieving **30% improvement** in task processing. Integrated **comprehensive monitoring** using goprocinfo, improving system observability by **40%**

EXPERIENCE

Cloud-Native Hackathon | *Finalist*   April, 2023
- Developed and deployed a scalable cloud-native application utilizing Napptive Cloud Platform, implementing microservices architecture and container orchestration

Innogeeks Winter Of Code (IWOC) | *Contributing Developer*   January, 2024 - February, 2024
- Contributed to multiple open-source projects, implementing new features and optimizing existing codebases while collaborating with global development teams