

# Prashant Bhardwaj

✈️ [Portfolio](#) | ✉️ [prashanttbbhardwaj@gmail.com](mailto:prashanttbbhardwaj@gmail.com) | 🐙 [Github](#) | 🔗 [Linkedin](#) | ⚡️ [TypeHero](#)

## TECHNICAL SKILLS

---

- **Languages:** TypeScript, JavaScript, Python, Golang, Java, Ruby, Elixir, Lua, SQL, GraphQL.
- **Frontend:** React, Next.js, Tailwind CSS, Fabric.js, React Native, Astro.
- **Backend:** Node.js, Express, FastAPI, Ruby on Rails, Nest.js, Hono, Fiber, Cobra, Molecular.
- **Databases & Storage:** PostgreSQL, MongoDB, Redis, Elasticsearch.
- **DevOps & Cloud:** Docker, Kubernetes, GitHub Actions, AWS, Cloudflare, CI/CD, Nginx.
- **Testing & Tools:** Cypress, Git, Neovim, Kafka, RabbitMQ.

## FEATURED PROJECTS

---

### [RailsGram](#) | [Full-Stack Social Platform](#) | *Ruby on Rails, SQLite, Solid Queue, Docker, Full-Text Search*

- Developed a comprehensive social media application using **Ruby on Rails** and **SQLite**, implementing advanced database features including JSON indexing, virtual columns, enums, full-text search, tagging systems, friendly URLs, and containerized with **Docker** for scalable deployment.
- Integrated modern Rails components including **Solid Queue** for background job processing, **Solid Cache** for performance optimization, **Solid Cable** for real-time features, along with **Litestream** for automated database backups and implemented authentication, post management with custom tagging, and comment systems.

### [Artify](#) | [Modern Design Platform](#) | *Next.js, Fabric.js, Hono, Serverless Postgres, Shadcn, UploadThing*

- Architected and deployed a performant design application, achieving **40% faster render times** through optimized component architecture and state management strategies.
- Implemented secure user authentication with **Auth.js** and efficient data modeling using **Drizzle ORM**, resulting in zero security incidents and streamlined database operations. Designed a responsive and accessible UI with **Shadcn UI** components.

### [Greenlight](#) | [Production-Grade API Backend](#) | *Golang, PostgreSQL, Redis, JWT, Docker, CORS*

- Engineered a high-performance RESTful API with **Golang**, featuring structured logging, comprehensive error handling, and **95% test coverage**.
- Implemented robust security measures, including **JWT authentication**, fine-grained permission controls, and intelligent rate-limiting to prevent DDoS attacks. Containerized the application with **Docker** and implemented monitoring systems, capturing real-time metrics for performance analysis and proactive issue detection.

### [Cube](#) | [Microservices Orchestration System](#) | *Golang, Chi, BoltDB, Docker SDK, Goprocinfo*

- Designed and built a lightweight container orchestration system with **Golang**, implementing core microservices components (Task, Worker, Manager, Scheduler) for efficient resource allocation.
- Engineered a persistent storage system with **BoltDB**, reducing task retrieval times and ensuring data integrity during system failures. Integrated **Docker SDK** for seamless container management, supporting horizontal scaling and automated service discovery. Implemented comprehensive system monitoring using **goprocinfo**.

## EXPERIENCE & COMPETITIONS

---

### Codedamn

July 2024 - Aug 2024

- Developed and executed end-to-end (E2E) tests for the documentation page using Cypress.

### Cloud-Native Hackathon

April, 2023

- Designed and deployed a scalable microservices application on the Napptive Cloud Platform, implementing containerization best practices and CI/CD pipelines.

### Innogeeks Winter Of Code (IWOC 2.0) | *Open Source Contributor*

January - February, 2024

- Contributed to multiple open-source projects, implementing new features and resolving critical bugs through GitHub pull requests.
- Designed and implemented automated CI/CD pipelines with GitHub Actions, reducing deployment times by 25% and ensuring consistent testing.

## EDUCATION

---

### Noida Institute of Engineering and Technology (AKTU)

Sep 2021 – July 2025 (Expected)

*Bachelor of Technology in Information Technology*