

Abhinesh Jha

🌐 Abhineshhh | 📄 abhineshhh | 🌐 abhineshhh.me | ✉️ jhaabhinesh977@gmail.com | 📞 +91 9334305214

EXPERIENCE

Backend Developer Intern | *PW Skills*

July 2025 - Oct 2025

- Built RESTful APIs with Java & Spring Boot, cutting response latency by 40%
- Optimized backend pipelines using Collections & Stream API, boosting throughput by 35%
- Tuned Hibernate & MySQL queries, reducing execution time from 2s to 100ms
- Applied SOLID principles & exception handling, improving code maintainability and readability

PROJECTS

Caching Proxy 🔄 | *Java, Spring Boot, Spring Data Redis, Redis*

- Built an HTTP caching proxy in Spring Boot with Redis-backed GET caching to cut redundant API calls and reduce upstream load.
- Added configurable TTL/invalidation policies and X-Cache observability headers, with Dockerized Redis for consistent local setup.

PeerLink - Secure P2P File Sharing Platform 🔄 | *Java, Next.js, TypeScript*

- Built a socket-based P2P file sharing system for secure, cloud-free transfers of files larger than 500MB.
- Engineered a thread-safe transfer engine for 50+ concurrent sessions and improved upload speed by 30% using a custom HTTP parser with layered security controls.

Dispatchr 🔄 | *Go, Goroutines, Docker, Mailpit*

- Built a concurrent bulk email dispatcher in Go using a worker-pool architecture with Goroutines and Channels for high-throughput sends.
- Reduced runtime overhead by preloading templates at startup and added resilient CSV/error handling so bad rows or failed deliveries do not halt processing.

OPEN SOURCE CONTRIBUTIONS

Winner of 3 competitive open-source programs | 100+ merged PRs | Active FOSS contributor

- **HackSquad by Novu (2023):** Winner - Contributed multiple PRs focusing on comprehensive documentation improvements and frontend enhancements.
- **Social Summer of Code (2024):** Winner - Enhanced frontend UX with JavaScript and modularized Python programs for improved code maintainability
- **Innogeeks Winter of Code (2024):** Winner - Developed fullstack web features and resolved 15+ critical bugs across fullstack applications.
- **Active Participation:** Multi-year Hacktoberfest contributor, MLH events participant, and regular contributor to major FOSS projects with focus on web development.

SKILLS

Languages: Java, Go, C, SQL

Backend & Frameworks: Spring Boot, Spring MVC, Spring Security, FastAPI, Hibernate

Databases: MySQL, PostgreSQL, MongoDB, Redis

DevOps & Tools: Git, Maven, Docker, Linux, Postman, Swagger, CI/CD (GitHub Actions)

EDUCATION

Maharshi Dayanand University

2022 - 2026

Bachelor of Technology in Computer Science

CGPA: 8.4/10

- **Academic Focus:** Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP