Abhinesh Jha

 Abhineshhh | abhineshjha | abhineshhh.me | jhaabhinesh977@gmail.com | +91 9334305214

EXPERIENCE

Java Developer Intern | *PW Skills*   *July 2025 – Oct 2025*

- Developed REST APIs with Java and Spring Boot, reducing latency by 40% across applications
- Optimized Backend logic using Collections and Streams, increasing processing speed by 35% overall
- Improved Queries with Hibernate and MySQL, reducing database query time from 2s to 100ms
- Implemented OOPs Principles and exception handling, improving readability and maintainability

PROJECTS

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

- Built an HTTP caching proxy using Spring Boot to forward and cache GET requests
- Integrated Redis caching with configurable TTL to reduce upstream server load
- Implemented cache hit/miss tracking via custom X-Cache response headers
- Added a cache invalidation endpoint for manual cache management
- Used Dockerized Redis and environment-based configuration for easy deployment

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

- Built with socket programming to enable file sharing via sockets without cloud storage
- Built P2P file transfer system supporting 500MB+ transfers
- 7-layer security: PIN authentication, rate limiting, auto-delete
- Architected thread-safe system handling 50+ transfers concurrently
- Built custom HTTP parser achieving 30% faster upload speeds
- Developed file validation preventing malicious uploads

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, Python, C, C++, SQL, JavaScript, Kotlin
Backend & Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, 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