

# Abhinesh Jha

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

## EXPERIENCE

---

**AI Tutor - Software Engineering** | *Contract* | *xAI*

*May 2026 - Present*

- Evaluated AI-generated software engineering responses for LLM training.
- Reviewed backend and system design solutions for quality and scalability.
- Improved technical clarity and reasoning accuracy in model-generated outputs.

**Backend Developer** | *Internship* | *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**

- **Competitive Program Wins:** Awarded winner in HackSquad, Social Summer of Code, and Innogeeks Winter of Code for significant contributions in documentation, frontend UX, and full-stack development.
- **Active FOSS Contributor:** Regularly contribute to major open-source projects, including multi-year participation in Hacktoberfest and MLH events, with over 100+ merged PRs.

## 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