

EDUCATION

Masters Of Computer Applications

New Delhi, India

Indira Gandhi National University;

July 2022 - December 2024

Major in Computer Science; Minors in Mathematics and Cybersecurity

Relevant Coursework: Data Analysis, **Software Engineering**; Operating Systems; **Algorithms**; Artificial Intelligence

SKILLS SUMMARY

- **Languages:** Java, HTML, CSS
- **Frameworks:** Spring, Hibernate, Bootstrap, Servlets, JSP, REST API
- **Tools:** Git, GitHub, Eclipse, NetBeans, IntelliJ IDEA, VS Code, MySQL Workbench, Postman
- **Platforms:** Windows, Apache Tomcat
- **Soft Skills:** Analytical thinking, problem-solving, clean code practices, teamwork, adaptability, and quick learning.
- **Database+:** MySQL, Oracle

WORK EXPERIENCE

JAVA INTERN | CODSOFT | [LINK](#)

January 25 - Feburary 2024

- Designed and developed Java console applications leveraging core programming constructs such as loops, conditionals, arrays, and Scanner for dynamic user input handling.
- Built interactive mini-projects like a Number Guessing Game and Marks Calculator demonstrating problem-solving, control flow, and data validation.
- Utilized Java's Random and String handling classes to enhance interactivity and output formatting in terminal-based environments.

JAVA INTERN | COGNIFYZ | [LINK](#)

November 24 - December 2024

- Strengthened Java development expertise by creating real-world console applications using OOP principles like encapsulation, abstraction, and method overloading.
- Demonstrated proficiency in input validation, string manipulation, control structures, and efficient algorithm design for interactive utility tools and games.
- Applied secure coding practices in password generation, encryption, and data validation, ensuring robust performance and safe user input handling.
- Practiced secure coding techniques through password generation and validation utilities, ensuring robustness and input safety.

PROGRAMMING INTERN | CBT-CIP | [LINK](#)

November 24 - December 2024

- Applied core Java and OOP principles to design scalable, modular applications, ensuring maintainability and robust functionality.
- Optimized backend logic and data handling through advanced data structures, file I/O operations, and performance-driven coding techniques..
- Utilized Java frameworks such as Hibernate and JDBC for seamless data persistence and efficient relational database management..
- Collaborated in agile environments using Git, documentation, and peer code reviews to ensure code quality and improve team productivity.

PROJECTS

Currency Converter | [LINK](#)

January 25 - Feburary 2024

- Built a responsive currency converter using Spring MVC and JSP, allowing dynamic conversion between major global currencies with precise results.
- Integrated a robust service layer to handle business logic, ensuring separation of concerns and maintainability.
- Implemented user-friendly error handling and currency symbol mapping to enhance user experience and form usability.

Library Catalog System | [LINK](#)

November 24 - December 2024

- Designed and implemented a modular library catalog using Java OOPs, allowing users to add, search, and list books by name or author in a user-friendly CLI.
- Utilized ArrayList for dynamic data storage and applied encapsulation through custom Book and LibRecords classes.
- Handled input validation and search logic to enhance UX and robustness, paving the way for future features like book deletion.

- Developed a console-based banking system enabling account creation, deposits, withdrawals, transfers, and real-time balance tracking using Hibernate ORM and transaction management.
 - Implemented secure data persistence with Hibernate and HQL queries, leveraging reusable functional interfaces for clean transaction handling.
 - Ensured robust user input validation, dynamic account number generation, and seamless DB operations through modular, production-grade code.
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CERTIFICATIONS

Java Full Stack Development (BIIT Institute) | [CERTIFICATE](#)

February - 2025

- Completed a comprehensive certification in Java Full Stack Development, mastering both front-end and back-end technologies for building robust, scalable web applications.
- Gained hands-on expertise in Java, Spring Boot and MySQL, delivering end-to-end solutions in dynamic web development projects.

MySQL Certification(Hackerrank) | [CERTIFICATE](#)

November 2024

- Earned SQL Certification from HackerRank, demonstrating proficiency in database management, queries, and optimization techniques.
- Mastered key SQL concepts such as joins, subqueries, and indexing to efficiently retrieve and manipulate data in relational databases.