

# NIKHIL KESHRI

Dhanbad, Jharkhand, India

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## Training

### Data Structures and Algorithms.

Jun' 24 – Jul' 24

GeeksForGeeks

- Leveraged comprehensive **DSA training from Geeks for Geeks** to enhance **problem-solving and algorithmic thinking**.
- Engaged in an intensive learning program, mastering essential data structures and algorithms with Java.
- Gained proficiency in **Core Java**, focusing on OOP principles, recursion, and exception handling.
- Developed **expertise** in Linear Data Structures (arrays, linked lists, stacks, and queues) and Non-Linear Data Structures (trees, graphs, and hash tables).
- Acquired a strong foundation in **Time and Space Complexity**, learning optimization techniques for efficient coding.

## Projects

### e-Notes Web Application | Java, Spring Boot, MySQL, Thymeleaf

Jan'25 – Feb'25

- Developed a secure and responsive note-taking web application with user authentication.
- Implemented CRUD functionality for creating, editing, viewing, and deleting notes.
- Used Spring Boot, Spring Security, and MySQL for backend development and data management.
- Designed a mobile-friendly UI with Thymeleaf, Bootstrap 5, HTML, and CSS.
- GitHub Repository: [github.com/Nikhil-keshri2213/eNote-web-app](https://github.com/Nikhil-keshri2213/eNote-web-app)

### A Real-Time Chat Application | Java, Swing, Socket Programming

Dec'24 – Jan'25

- Developed a client-server-based desktop chat application for real-time communication between users.
- Designed an interactive graphical user interface using Java Swing to enhance user experience.
- Implemented socket programming to establish reliable message exchange and dynamic display with timestamps.
- Gained hands-on experience in multithreading and event-driven application development.
- GitHub Repository: [github.com/Nikhil-keshri2213/Real-time-chatting-application](https://github.com/Nikhil-keshri2213/Real-time-chatting-application)

### Save the Ball Game Application | Java, Swing, OOPs.

Mar'24 – Apr'24

- Enhanced Java programming skills by designing and implementing a game, focusing on OOPs principles and game mechanics.
- Successfully developed a playable game with a UI, demonstrating practical application of Java and problem-solving skills.
- The project has potential for further updates with additional levels, improved graphics, and more complex gameplay elements.
- GitHub Repository: [github.com/Nikhil-keshri2213/Save\\_The\\_Ball](https://github.com/Nikhil-keshri2213/Save_The_Ball)

## Certificates

### Advance Software Engineering | Walmart

Dec 24

Forage-Certificate Link

### Data Analytics and Visualization Job Simulation | Accenture

Jul' 24

Forage – Certificate Link

### Google Analytics | Google

Nov' 23

Great Learning – Certificate Link

### Android Development | Meta

Oct' 23

Coursera – Certificate Link

## Technical Skills

**Programming Languages:** Java, JavaScript, HTML, CSS

**Frontend:** React.js, Thymeleaf, Bootstrap 5

**Backend:** Spring Boot, Spring MVC, RESTful APIs

**Databases:** MySQL, PL/SQL, Oracle

**DevOps & Tools:** Docker, Git, GitHub, Maven, Postman

**Testing & Automation:** JUnit, Selenium

**Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Agile Methodology

## Education

### Lovely Professional University, Punjab

2022 - Present

Computer Science and Engineering — CGPA: 7.4

Jalandhar, Punjab

### Government Polytechnic, Dhanbad

2019 – 2022

Computer Science and Engineering – Percentage: 79%

Dhanbad, Jharkhand

### Indian School of Learning, Dhanbad

2018 – 2019

Matriculation – Percentage: 83%

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