

# Jaideep Dahiya

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[LinkedIn](#) | [Github](#) | [Leetcode](#) | [Portfolio](#)

## Education

Indraprastha Institute of Information and Technology

Delhi, India

*Bachelor of Technology in Computer Science and Design*

( Aug 2023 - Aug 2027 )

## Projects

### Banking System ( NOVA Bank) || [Github](#)

( April 2025 )

- Developed a desktop banking application using JavaFX with functionalities like account creation, login/authentication, balance enquiry, money transfer, and transaction history.
- Integrated MySQL as the backend database to manage customer data, account details, and transactions securely.
- Implemented form validations, alert dialogs, and dynamic UI updates for a smooth user experience.

### Intrusion Detection System || [Github](#)

( Mar 2025 )

- Developed a signature-based Intrusion Detection System (IDS) hosted on a Raspberry Pi 4.
- Detects network threats, including port scans, brute-force attacks, and known exploits.
- Real-time alerting via Telegram/WhatsApp for immediate threat response.
- Utilized Python, Scapy, and threat intelligence feeds to analyze network traffic.

### Angry Birds || [Github](#)

( Aug 2024 - Dec 2024 )

- Recreated the Angry Birds game using the Java LibGDX framework.
- Implemented realistic physics-based projectile motion using Box2D.
- Designed custom game levels, interactive UI, and engaging animations.
- Optimized performance to ensure smooth gameplay across different devices

### Byte Me || [Github](#)

( Nov 2024 - Dec 2024 )

- Developed a CLI-based canteen management system in Java.
- Implemented Object-Oriented Programming (OOP) principles
- It features order management, a billing system, and inventory tracking.
- Utilized file handling for persistent data storage and exception handling for robustness.

## Skills

**Tools and Technologies:** Wireshark, tcpdump, nmap, MySQL, LibGDX, Linux,  
Raspberry Pi, Vim, Virtual machine

**Programming Languages:** C, C++, Java, Python

**Technical Electives:** Operating Systems, Data Structures and Algorithms, DBMS  
Computer Organisation, Algorithm Design and Analysis

## Awards and Achievements

- Google Professional Cybersecurity Certificate
- 150+ questions on Leetcode
- A Grade in Advanced Programming
- Technical Council Member (AY: 2024-2025)