

# KIRAN ACHARYA

✉ betaastra112@gmail.com    📞 +977 9865445343    🌐 github.com/iamkiraan    🔗 LinkedIn  
Kalikot, Nepal

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## Professional Summary

Final-semester Software Engineering student seeking a **Java Internship** opportunity. Strong knowledge of **Core Java, OOP principles, PostgreSQL, and Spring Boot fundamentals**. Hands-on experience developing backend logic, RESTful APIs, and database-driven applications. Comfortable with Git/GitHub and JVM-based development using Java and Kotlin.

## Technical Skills

**Programming Languages:** Java (Core, OOP), Kotlin (JVM), SQL  
**Backend & Databases:** Spring Boot (Basics), REST APIs, PostgreSQL, Firebase  
**Concepts:** Object-Oriented Programming, Data Structures, Algorithms, MVC, API Design  
**Tools:** Git, GitHub, IntelliJ IDEA, Android Studio, Linux

## Education

**Nepal College of Information Technology (NCIT)** 2021 – 2026(Expected)  
Bachelor of Software Engineering CGPA: 3.69 / 4.0

## Academic & Personal Projects

**Multistage Graph Algorithm Implementation** *Java*  
Implemented a dynamic programming solution using Core Java. Applied OOP principles for modular, readable, and maintainable code.

**Backend CRUD Application** *Java, PostgreSQL (Learning Project)*  
Developed basic CRUD operations with Java and PostgreSQL. Focused on SQL queries, data persistence, and clean separation of logic.

**Weather Forecast Application** *Kotlin, REST API*  
Consumed third-party REST APIs and handled JSON responses. Applied clean architecture concepts transferable to Java backend development.

**Authentication System** *Firebase, Kotlin*  
Implemented user authentication and validation workflows. Gained experience with backend services and secure data handling.

## Activities & Experience

- Active GitHub contributor with 30+ repositories
- Participated in NCIT Hackfest 2024 (Team Beta Astra)
- Completed 2-week intensive training on Kotlin and Firebase
- Experience working with version control and team-based projects