

Niraj Kumar Thakur

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Leetcode:120+



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### Professional Summary

**Software Engineer | Backend Developer | Data Analyst** with expertise in DSA, OS, DBMS, CN and strong experience in Spring Boot, Django, Thymeleaf, MySQL, Firebase, Google Cloud, and Microservices. Successfully delivered multiple projects including Food Donation Platform, Crime Detection System, Neighbourhood Watch App, and Hotel Rating System. Recognized in national hackathons for technical innovation and effective collaboration.

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### EDUCATION QUALIFICATION

- Bachelor of Engineering – Computer Science & Engineering, CMR Institute of Technology, Bengaluru
  - CGPA: 8.6 (2027 Expected)
- Pre-University Course – Science, Kathmandu Model College, Nepal
  - GPA: 3.50
- Secondary Education Examination (SEE), Janta Secondary School, Nepal
  - GPA: 3.55

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### TECHNICAL SKILLS

- **Frameworks:** Springboot (Proficient), Django (Intermediate), Android Studio (Intermediate)
- **Programming Language:** Python (Intermediate), Java (Proficient), C(Intermediate)
- **Operating Systems:** Mac OS, Windows, Ubuntu, Linux, KaliLinux
- **Web Technologies:** HTML, CSS, JavaScript
- **Data Management:** MongoDB, MySQL.
- **Machine Learning Framework:** TensorFlow (Beginner)
- **Other Technological Tools:** Docker, Kubernetes (Beginner), Git/ Github, Postman

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### Projects

- **Food Donation Platform** | Spring Boot, MySQL, Thymeleaf

Built a platform connecting 50+ donors and NGOs, reducing food distribution delays by 30% and cutting manual tracking time by 40%.

- **Crime Detection System** | Spring Boot, Django, MySQL, Firebase

Developed a real-time incident reporting system with dashboards, reducing processing time by 60% and supporting 500+ users.

- **Neighbourhood Watch App** | Spring Boot, Firebase, MySQL, Thymeleaf

Deployed an app with OTP login & AI moderation, achieving 1,000+ user sign-ups and cutting spam reports by 70%.

- **Hotel Rating System** | Spring Boot Microservices, MySQL, Postman

Engineered a microservices-based hotel rating platform, ensuring 100% API reliability via Postman testing and scaling to handle 10,000+ requests.

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#### **Online Courses & Certifications:**

- Completed Spring Boot backend development course (Udemy).
  - Certified in Django Web Development (Udemy).
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#### **Achievements & Activities**

- **Smart India Hackathon 2024** – Ranked in Top 10 out of 200+ teams for innovative solution design.
  - Awarded for contributions in Neighbourhood Watch App and Crime Detection System projects.
  - Received Top Performance Award for leading academic project initiatives that improved efficiency.
  - Completed certifications in Spring Boot Backend Development and Django Web Development (Udemy).
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#### **Leadership & Extracurriculars**

- Coordinated technical projects and hackathon submissions with 5-member teams.
  - Represented college in cultural festivals; led logistics, event management, and stage coordination, improving efficiency by 25%.
  - Volunteered in technical and non-technical events, reducing setup delays by 30%.
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#### **PERSONAL DETAILS**

**DOB:** 24/07/2004

**GENDER:** Male

**NATIONALITY:** Nepal

**LINGUISTIC COMPETANCIES:** English, Hindi, Nepali, Maithiali

**HOBBIES:** Playing Video Games