Utkarsh Khandelwal

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OBJECTIVE

Computer Science undergraduate specializing in Java, Spring Boot, and full-stack development, with hands-on experience building secure, database-driven web applications. Strong foundation in DSA, OOP, DBMS, and backend development, with a focus on building scalable software solutions.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science *Expected Graduation: 2027*

The National Institute of Engineering (NIE), Mysuru | CGPA: 8.20/10

Class XII (CBSE): Delhi Public School, Alwar | 90.6%

Class X (CBSE): Raath International School, Alwar | 87.4%

TECHNICAL SKILLS

Languages:	Java, Python, C, JavaScript
Web & Backend:	Spring Boot, Spring MVC, REST APIs, React.js, HTML, CSS
Databases:	MySQL, PostgreSQL, H2, MongoDB Atlas
Core Concepts:	Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks

PROJECTS

1. SkillSphere - Student Skill Exchange Platform *Java, Spring Boot, React, MySQL*

- Built a full-stack platform featuring student profiles, skills, projects, learning roadmaps, and admin moderation.
- Implemented JWT and Google OAuth2 authentication, BCrypt password hashing, and role-based authorization using Spring Security.
- Organized backend with controller-service-repository architecture; added Swagger/OpenAPI docs and automated tests.

2. CutRoom - Wall Studio App *Java, Spring Boot, React, MySQL, Cloudinary*

- Built a full-stack wall-layout studio where users upload, arrange, resize and rotate photos on a virtual wall, with layouts saved per project.
- Implemented JWT authentication and REST APIs (Spring Boot, MySQL) for project and layout persistence, with Cloudinary handling image storage and delivery.

CERTIFICATIONS & ACHIEVEMENTS

- **250+ LeetCode Problems Solved -** Solved coding problems across various DSA topics, strengthening problem-solving and algorithmic thinking.
- **Campus Ambassador - Paytm -** Selected for Paytm's Campus Ambassador Program, contributing to student outreach and digital payment adoption initiatives.
- **Introduction to Software Engineering** - IBM
- **Foundations of Software Testing and Validation** - University of Leeds
- **Introduction to Git and GitHub** - Google
- **Extracurriculars:** Active participant in college technical sessions and coding activities; regular DSA practice, open-source learning, and chess.