ANSH GUPTA

SOFTWARE DEVELOPER

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SUMMARY

Passionate Java developer with a strong foundation in Data Structures and Algorithms, eager to apply problem-solving skills in building scalable and efficient applications. Skilled in core Java concepts, OOP, and algorithmic thinking, with hands-on experience in coding challenges and projects. Seeking opportunities to contribute to impactful software development while continuously growing as an engineer.

EDUCATION

Bachelor of Technology in Computer Science (AI & ML Specialization)

Dr. A.P.J. Abdul Kalam Technical University, Lucknow
Aug 2023-Oct 2027
Achieved a SGPA of 8.2/10

TECHNICAL SKILLS

- **Programming Languages :** java, python, HTML, CSS, Javascript
- **Frameworks**: Spring Boot, Hibernate, JavaFX, JUnit
- **Tools**: Git, Maven, IntelliJ IDEA, MySQL , VS code
- **Algorithms and Data Structures**: Arrays, Linked Lists, Stacks, Queues, Binary Trees, Tries, Sorting Algorithms
- **Version Control**: Git, GitHub
- **Databases**: SQL (MySQL, SQLite), MongoDB, PostgreSQL, Firebase
- **Web Technologies**: REST APIs, JSON, AJAX, HTTP
- **Languages**: English (Proficient), Hindi (Fluent)

PROJECTS

Medicine Expiry & Donation Tracker (Spring Boot + MySQL)
- Users can log medicines they have at home → system tracks expiry dates.
- Near-expiry medicines can be donated to NGOs/hospitals.

Algo Visualizer (JavaFX)
- Designed a visualization tool for sorting and pathfinding algorithms (Bubble, Merge, Quick, Dijkstra).
- Used JavaFX animations to demonstrate algorithm step-by-step execution.

Nivedita – AI-Based Response System (Python)
- Developed an intelligent response system capable of understanding user queries and generating context-aware replies.
- Implemented natural language processing techniques to improve response accuracy and conversational flow.

PROFESSIONAL EXPERIENCE

- Enhanced problem-solving skills by solving 50+ coding problems on platform HackerRank.
- Enhanced problem-solving skills by solving 150+ coding problems on platform Leetcode.

ADDITIONAL INFORMATION

- **Soft skills:** Adaptability, Innovative, Collaborative, Passionate, Productive, Critical
- **Languages:** English, Hindi
- **Certifications:** Python Essentials, Generative AI, MongoDB CRUD applications on java