

Himanshu Joshi

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SUMMARY

Driven Computer Science student with proven problem-solving abilities, ranking in the top 10% globally on LeetCode. Experienced in building scalable backend systems with Spring Boot and PostgreSQL and skilled in transforming data into actionable insights using Python, SQL, and EDA. Seeking to leverage strong skills in algorithms, data modeling, and software development to build efficient and data-driven applications.

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, Delhi, India
Bachelor of Technology in Computer Science and Engineering

2023 - 2027
GPA: 8.4

SKILLS

Programming: Java, C++, C, Python, HTML, Golang, CSS, SQL
Data Skills: Data Cleaning, EDA, Data Visualization, Statistical Analysis, Feature Engineering
Framework: Spring Boot, NumPy, Pandas, Matplotlib
Database Management: PostgreSQL
Version Control: Git, GitHub
Core: DSA, OOP, Problem Solving, Communication, Team Collaboration, Data Modeling
Languages: Hindi, English

ACHIEVEMENTS

Top 10% LeetCode global performer with a peak rank of ~60,000.

PROJECTS

Search Engine Backend – Web Crawler & Reverse Indexer on Spring Boot May 2025 - Jun 2025

- Built a modular backend system replicating core search engine logic.
- Designed data pipelines to **extract, process, and store web content** in PostgreSQL.
- Implemented **reverse indexing** using tokenization, frequency scoring, and stop-word filtering.
- Applied clean architecture principles using services, repositories, and utility layers.
- Demonstrated strong understanding of **large-scale data storage, retrieval, parsing, and optimization**.

Pawluxe – Pet Adoption & Listing Platform Sep 2025 - Present

- Developing a microservices-based application with Spring Boot & PostgreSQL
- Designed relational schemas for pets listing and users.
- Integrated OTP login and architected a secure payment flow.
- Working end-to-end on backend, data modeling, and frontend UI.
- Experience translating business needs into **data structures and API-driven systems**.

INTERESTS

Competitive Programming | Software Development | Backend Development | Data Analytics | Machine Learning