Ishika Gupta

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Summary

As a B.Tech student focusing in computer science, my schooling and practical experience have given me a thorough understanding of how to properly organize and manipulate data, detect and mitigate security concerns in digital systems, with adhering to efficient time management.
- Active technical writer on Medium: https://medium.com/@ishii.guptaa
- Solved 330+ problems on Leetcode: https://leetcode.com/u/ishigupta/

Experience

JPMorgan Chase & Co | Bengaluru, Karnataka
Code for Good Finalist - 2024

- Launched a targeted application for frontline workers to enter user data and access welfare programs, leading to an impressive 60% increase in user engagement with available support services within the first quarter.
- Fostered strong communication amongst the team through cooperation and brainstorming sessions.

Remote
Peer Tutor/Mentor

- Tutored over 5+ students in French, improving their quiz and exam scores by an average of 85%.
- Conducted structured study sessions, clarifying questions through interactive exercises and mock tests.

Bank Management System
Team Leader
Spearheaded the development of a banking web application, implementing RESTful APIs for transaction processing that improved response times by 30% across user operations.

Text to Speech using Arduino
Engineered an innovative text-to-speech system using Arduino, collaborating with hardware modules to decrease information entry time by an average of 15 minutes daily.

Skills

- **Languages:** Java, Python, HTML, CSS, JavaScript, React.js, MySQL, MongoDB
- **Frameworks:** Springboot, Bootstrap, Django, JavaFx
- **Core:** Data Structures & Algorithms, Computer Network, Operating System, Object Oriented Programming, Artificial Intelligence, Machine Learning, Cryptography
- **Cloud Computing**: Amazon Web Services
- **Networking:** Cisco Packet Tracker, Wireshark
- **Non-Technical :** Interpersonal Skills, Time Management, Communication, Design Thinking

Education

Vellore Institute of Technology : CGPA - 8.81
B.Tech, Computer Science & Engineering | 06/2026

The Lexicon International School : CGPA - 9.0
Senior Secondary (XII), Science | 06/2022

Trainings & Certificates

Amazon Web Services, Cyber Security Essentials, Data Structures & Algorithm, Python Bootcamp

Languages

English, Hindi, Spanish, French