

Akanksha Kumari

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SKILLS

- **Languages:** Java, C++, Python
- **Frameworks:** EC2, S3, Lambda, RDS, VPC
- **Databases:** My SQL
- **Tools/Platforms:** Azure, AWS, Git, Docker, Apache cloud stack
- **Soft Skills:** Problem-Solving Skills, Team Management, Project Management, Adaptability

INTERNSHIP

- **GeeksforGeeks – an online education and projects related platform.** June '24 – July '24
Summer Training in Complete Interview and DSA in Java
 - **About the course:** The Complete Interview Preparation course covers key concepts such as Arrays, Linked Lists, Trees, Graphs, Dynamic Programming, Sorting & Searching in Data Structures & Algorithms. It also includes Operating Systems (processes, memory management), DBMS (SQL, normalization), Computer Networks (protocols, TCP/IP), and Object-Oriented Programming (inheritance, polymorphism). Additionally, learners gain problem-solving skills, aptitude, logical reasoning, and interview techniques to excel in technical interviews.
 - **Tech stacks learnt:** Operating Systems, DBMS, Computer Networks, and Object-Oriented Programming, Aptitude & Logical Reasoning, Interview & Resume Preparation

PROJECTS

- **Binary Search Tree - An efficient data structure for search engine** Aug '24
Successfully implemented a Binary Search Tree project, enhancing my understanding of tree based data structures and algorithmic optimization.
Learning Outcomes
 - Gained a strong understanding of Binary Search Trees (BST) and tree traversal techniques.
 - Implemented efficient search, insertion, and deletion operations, analyzing their performance.
 - Improved coding skills with recursive and iterative approaches for tree manipulation.**Tech:** Data Structures and algorithm with Java.
- **Revenue Register for Airport Express Line** Jan '25
Developed a web-based revenue management system for the Airport Express Line, enabling efficient tracking of station-wise and line-wise revenue data. Designed an admin portal for real-time fare updates and revenue monitoring.
 - Frontend: Built a responsive UI using HTML, CSS, JavaScript, and Bootstrap for seamless user interaction.
 - Backend: Implemented PHP and MySQL to store, manage, and retrieve fare and revenue records.
 - Database Management: Designed a structured MySQL database to efficiently handle fare transactions and revenue data.
 - Hosting & Development: Utilized XAMPP for local hosting and database connectivity.**Tech:** HTML, CSS, JavaScript, Bootstrap, MySQL, PHP, XAMPP

CERTIFICATES

- Data Structures with Java | NPTEL Jan '24
- Social Networks from IIT Kharagpur | NPTEL Nov '24
- AWS cloud practitioner Certificate | AWS May '24
- Programming in Java | Coursera Jan '25

ACHIEVEMENTS

- Runner Up in Apna College Hackathon Apr '24
- 50+ problems solved in leetcode (DSA with Java) Feb '25
- Environmental Volunteering – Soul Foundation NGO Jul '23
Planted 100 trees in a week and joined a community awareness program for cleaner surroundings, promoting education and environmental responsibility.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering Since August '22
- **Sri Vishwasanthi EM School** Andra Pradesh, India
Intermediate; Percentage: 74% April '20 - May '22
- **Sri Vishwasanthi EM School** Andra Pradesh, India
Matriculation; Percentage: 86% April '18 – March '20