Shikhar Kumar Gupta

imshikhar27@gmail.com | 9026328472

EDUCATION

G.L BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT

B.Tech in Computer Science

July 2025 | Gr. Noida

STEPPING STONE

Sr. Secondary

March 2020| Gorakhpur, U.P

LINKS

LinkedIn:// **ShikharKumarGupta**

LeetCode:// **imshikhar27**

Github:// **imshikhar27**

GeeksforGeeks:// **imshikhar27**

Twitter:// **@imshikhar27**

COURSEWORK

UNDERGRADUATE

Data Structure

Design and Analysis for Algorithm

Object Oriented Programming

Operating Systems

Networking

Database and Management System

Engineering Maths

SKILLS

PROGRAMMING

Java • Shell • C++

FAMILIAR TECHNOLOGY:

Android

Java • Kotlin • XML

DevOps

Docker • Kubernetes • Jenkins

• Prometheus • Ansible

Miscellaneous

Git and GitHub • Linux(Ubuntu,CentOS)

• Android Studio

PROJECTS

EVENT MANAGEMENT | Android Application

- Event Management is a versatile and user-friendly Android application designed to simplify event management for both event organizers and attendees.
- This app offers a seamless and efficient solution to create, manage, and participate in various types of events.
- Technology Stack:
    - **Front End:** XML for UI design
    - **Back End:** Java
    - **Database:** SQLite database
- Source Code: Event Management

TWO-TIER APPLICATION DEPLOYMENT | DevOps Project

- Led the end-to-end transformation of a Flask-MySQL two-tier application to meet the demands of 10,000 concurrent users while adhering to DevOps best practices.
- Implemented AWS managed EKS, resulting in a remarkable 60% reduction in downtime.
- Strengthened fault tolerance through multi-node cluster setup and Load Balancer integration.
- Technology Stack:
    - **Containerization with Docker:** Utilized Docker and docker-compose for efficient containerization,
    - **Kubernetes Cluster Setup:** Transitioned to AWS EKS with eksctl
- Source Code: Two-Tier Application

TIC-TAC-TOE | Android Application

- The Android Tic Tac Toe project is a modern twist on the classic and timeless game that has entertained people of all ages for generations.
- Technology Stack:
    - **Front End:** XML for UI design
    - **Back End:** Java
- Source Code: Tic-Tac-Toe

ACHIEVEMENTS

- In top 7% on LeetCode max rating 1831.
- Solved over 650 DSA questions on LeetCode
- Solved about 200 DSA questions on GeeksForGeeks