Shahan Ali

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SUMMARY

Final year Computer Science student with a strong proficiency in C++ and a solid foundation in Data Structures and Algorithms (DSA). With over 300 competitive programming problems solved and contributions to 10+ GitHub projects. I am eager to apply my skills to develop innovative and impactful solutions.

PROJECTS

Shoot'n Shield

University of Petroleum and Energy Studies | Minor Project - 2
- Developed an endless 2D shooting game using Unity and C#, featuring dynamic gameplay across four distinct levels.
- Integrated adaptive level progression to enhance player experience.

Mendeleev's Marvel

University of Petroleum and Energy Studies | Minor Project - 1
- Created an educational puzzle game using OpenGL and C++, focusing on teaching the periodicity of elements from the periodic table.
- Enhanced runtime performance by 5% compared to similar games developed using game engines.

Question Sharing App

- Developed a classroom question-sharing application using Flutter and Dart.
- Enable teachers to create QR codes for questions and students to scan and answer them efficiently.

SKILLS

Languages: C, C++, Python, JavaScript

Database: SQL, MySQL

Technical: Git, GitHub, HTML, CSS, Unity, Selenium, OpenGL

Others: Data Structure, Algorithms, Object Oriented Programing, DBMS

EDUCATION

Bachelors in Technology - Computer Science and Engineering

University of Petroleum and Energy Studies, Dehradun, Uttarakhand | 2025
- CGPA: 7.32
- Major: Graphics and Gaming
- Minor: Machine Learning

Intermediate

SS Children's Academy, Moradabad, Uttar Pradesh | 2021
- Percentage: 67.80%

INTERNSHIPS

IBM

Online | June 2024 - July 2024
- Worked on Adaptive Difficulty Adjustment (ADA) for gaming tasks.
- Designed a 2D game using the Unity game engine under the mentorship of Phemesoft engineers.

Social Internship

Anukulan NGO, Moradabad | June 2022 - July 2022
- Participated in community development activities and gained practical experience in social work..

ACHIEVEMENTS AND CERTIFICATIONS

AWS Developer Associate

- Completed certification in May 2024 under CloudThat, an AWS Advanced Tier Training Partner.

Leetcode

leetcode/shahanxali
- Maintaining an ongoing continuous streak of solving 120+ daily questions
- Batches: 3 Daily Medals (June, July, August) and 2 Competition Medals (50 days, 100 days)
- Questions solved: 70+ Easy, 120+ Medium, 20+ Hard.