

ADARSH DAS

Software Engineer

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Sphereye

Noida, India

STRENGTHS

Python C C++ Git

Godot OpenGL Java

Bash Rust

LEARNING

Rust Sklearn Pandas

Gtk Django

LANGUAGES

German: **B2, Intermediate**

English: **C1, Advanced**

Hindi: **Native**

COURSEWORK

- Data Structures and Algorithms
- Database Systems
- Image Processing
- Machine Learning
- Object Oriented Programming
- Discrete Structure in Computer Science
- Logic in Computer Science
- Digital Design
- Computer Programming
- Probability and Statistics
- Linear Algebra
- Differential Calculus
- Principles of Management
- Technical Report Writing

ABOUT ME

I am an inquisitive aspiring software developer with an interest in all fields of computer science ranging from the mathematical foundations to graphics.

I am self-motivated, enthusiastic, reliable and a responsible team-spirited person with a strong foundation in ethics.

PROJECTS

Simple ECS based game engine made in OpenGL

Started as a group project, the engine supports functionalities such as shape blitting, physics processing, shader integration. The project was made using OpenGL 4.6 and C++20.

Implementation and comparison of chess AI |

This group project aimed to explore search algorithms to create a novel chess engine. We use python3.10 programming language and chess module as an interface for handling the board. Furthermore chessboard library was used for gui display.

BC6 data analysis

Collaborated with NCPOR, Goa, India, to develop a Python program automating data cleaning using IQR. It also included data visualization for enhanced analysis, showcasing my data processing and website integration skills.

One touch emergency services app

Our app, developed for the HERE Technologies Hackathon, secured a top 10 spot. Utilizing the Kivy framework, it streamlines finding nearby emergency services with a single tap and employs text-to-speech for user-friendly and efficient location information.

EDUCATION

B.E. Hons in Computer Science | Birla Institute of Technology & Science, Pilani, Hyderabad Campus

2021 - 2025

Hyderabad, India

- CG: 7.75

Higher Education (CBSE) | Amity International School

2006 - 2020

Delhi, India

- 10th grade Percentage: 98.2
- 12th grade Percentage: 94.6