

KARTIKEY SAXENA

(+91) 8920555453 | kartikeysaxena2030@gmail.com | New Delhi, India

EDUCATION

YEAR	CLASS / DEGREE	SCHOOL / COLLEGE	PERCENTAGE / GRADE
2021 - PRESENT	Bachelors of Technology (Computer Engineering)	Delhi Technological University (Formerly DCE)	8.09
2020 - 2021	AISSCE / CBSE (Class 12th)	Daffodil Public School, New Delhi	85.2%
2018 - 2019	AISCE / CBSE (Class 10th)	Sir Padampat Singhania Education Centre, Kanpur	95.4%

WORK EXPERIENCE

• Research Intern

Delhi Technological University | 01 June' 23 - 07 August' 23 (Ongoing)

- The internship focuses on Multimodal Biometrics Authentication using Machine Learning and Metaheuristic Optimization Techniques.
- The internship covers a range of topics including machine learning fundamentals, swarm intelligence, metaheuristic swarm-based algorithms, hybridization techniques, and Python programming.
- The internship includes practical hands-on experience, including running experiments, comparing results, and visualizing the findings through graphs and tables.

ACADEMIC PROJECTS

• Reptilian Rush | C++, Windows API, Time Library, Console Input/Output Library

<https://github.com/Kartikey3107/ReptilianRush>

- Developed a classic Snake Game using C++, showcasing strong programming skills and game development expertise. Implemented intuitive controls, challenging game over conditions, and added extra features such as pause/resume functionality, score tracking, and time monitoring.
- Demonstrated problem-solving abilities and attention to detail by designing a Snake Game with arrow keys or WASD controls, randomly placed fruits to increase score and length, and implementing collisions with walls and the snake's body. Enhanced gameplay and user experience with additional features

COURSES AND CERTIFICATIONS

• Meta Introduction To Front-End Development (May 2023)

Online Course - Coursera

• Python Essential Training (May 2023)

Online Course - LinkedIn Learning

• Go Essential Training (May 2023)

Online Course - LinkedIn Learning

TECHNICAL SKILLS

- HTML Programming Language
- Cascading Style Sheets
- JavaScript
- C++ Programming Language
- Python Programming Language
- Front End Web Development
- Object Oriented Programming
- Data Base Management System
- Data Structures and Algorithm
- Operating System Design

POSITION OF RESPONSIBILITY

• Student Mentor | Desh Ke Mentor (Initiative by Govt. of Delhi) | Jan' 22 - Aug' 22

As a volunteer mentor for the "Desh ke Mentor" program, I guided and inspired Delhi government school students in exploring career paths. Through interactive sessions and personalized mentorship, I shared insights to help them make informed decisions and pursue their passions.

OTHER INFORMATION

• LinkedIn Profile

www.linkedin.com/in/kartikey-saxena

• GitHub Profile

<https://github.com/Kartikey3107>