

# Shanidhya Kumar

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## Education

### Dayananda Sagar College Of Engineering

2023- 2027

B.E in Computer Science & Engineering(IOT & Cyber Security)/ CGPA: 9.6 (3<sup>rd</sup>sem)

Bangalore, India

## Technical Skills

**Languages:** C, C++, Python, JavaScript

**Frontend:** HTML, CSS, React.js, Tailwind CSS

**Backend:** Node.js, Express.js,

**Developer Tools:** Git, GitHub, Postman

## Experience

### LeetCode Contributor

July 2024 – Present

- Actively participate in solving algorithmic problems across various domains
- Regularly engage in LeetCode contests, improving problem-solving speed and efficiency.

## Projects

### Quiz App | HTML, CSS, JavaScript (Open Trivia DB API)

- Developed a dynamic quiz application that fetches real-time multiple-choice questions from the Open Trivia DB API based on user-selected topic
- Implemented interactive UI with score tracking, answer validation, and feedback on correct answers when user selects incorrectly
- Designed a responsive dark-themed layout using pure CSS to ensure an engaging and accessible user experience across devices

### Memory Match Game | Python, Tkinter

- Built a memory puzzle game using Tkinter with randomized image pairs and interactive button-based gameplay
- Implemented logic to reveal, match, and disable buttons, enhancing user engagement through visual feedback
- Handled image loading with error checking for smooth and reliable performance

### Amazon Clone | HTML, CSS, JavaScript

- Built a fully responsive e-commerce website with a clean UI.
- Implemented hover effects, animations, and optimized navigation for a seamless user experience.

### Egg Catcher Game | Python, Tkinter

- Developed an interactive arcade-style game where players catch falling eggs using a movable catcher controlled by keyboard inputs
- Implemented real-time collision detection, dynamic difficulty scaling, and score/lives tracking for an engaging gameplay experience
- Utilized Tkinter canvas and after() scheduling to manage smooth animations and timed events

### Weather App | HTML, CSS, JavaScript (OpenWeatherMap API)

- Built a responsive weather application that fetches real-time weather data based on user-input city using the OpenWeatherMap API
- Implemented error handling for invalid city entries and dynamic UI updates for temperature, city name, and weather description
- Styled with modern dark theme and responsive layout using pure CSS for clean and user-friendly experience

## Industry Exposure

### Nokia Technology Visit

- Gained exposure to cutting-edge technologies like AI, ML, 5G, and 6G trials, alongside networking with industry professionals.

## Achievements

### Rank :

[View](#)

- [Leetcode](#) : 1,46,668\*
- [Geeks For Geeks](#) : 2,20,338\*

### Certification:

[View](#)

- Cisco Cybersecurity, JavaScript, Python
- Postman Api