**RESUME**

**ARSHDEEP KAUR**

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**Objective:**

Computer Science and Engineering student specializing in Internet of Things (IoT), with a solid foundation in IoT systems, protocols, and applications. Possesses proficiency in multiple programming languages including Python, C#,C++,Java,CSS and JavaScript as well as Unity Game Engine.Demonstrates strong analytical skills and effective problem-solving abilities. Adept at communication and collaboration, enhancing team projects and interactions.

**Summary of qualifications:**

**Bachelor of Technology** (B.Tech) degree in **Computer Science and Engineering**, from **Baba Farid College of engineering and** **technology** in **2023-27** with a focus on Internet of Things (IoT).

**12th(Non-Medical) grade** from **Guru Gobind Singh Public school Maluka** in **2022-23** .

**10th grade** from **Guru Gobind Singh Public school,Maluka** in **2020-21**.

**Projects**: Code projects posted on GitHub. You can visit and check my projects.

**Smart Blind Stick:** Developed a Smart Blind Stick to assist visually impaired individuals by integrating ultrasonic sensors for obstacle detection.

**Hackathon Participation:** Hackathon Name (Team Virtus) Participated in SIH, where I collaborated with a team to develop innovative solutions under tight deadlines. Contributed to the development of tyre maintanence system with IOT system , demonstrating problem-solving skills and creativity in a competitive environment.

**Python Project:** Developed a Python-based solution for analysis of stock market data to identify trends and forecast future stock prices.

**Cube Runner (**Unity, C#):

Developed an endless runner-style 3D game where the player controls a cube to avoid obstacles. Used Rigidbody physics and C# scripting for player movement and obstacle spawning. Implemented score system, increasing difficulty, and UI for game over and restart.Designed minimalistic environment with responsive controls and smooth gameplay.

**Personal Portfolio Website**(HTML, CSS, JavaScript):Designed and developed a responsive personal portfolio to showcase my web and game development projects. Sections include: About Me, Skills, Projects (e.g., Flappy Bird Clone, Cube Runner, Task Manager, Weather App, Amazon Clone), and Contact Form. Implemented smooth navigation, animations, and a clean UI/UX layout.Hosted on GitHub Pages.

**Technical skills:**

**Programming Languages:** Python, C, C++,C#,HTML,CSS, javascript,Java ,DSA.

**Game Engine:** Unity(C#)

**Proficiency Levels:**

Python: Advanced

C: Advanced

C++: Advanced

HTML: Advanced

CSS: Advanced

Javascript: Intermediate

C#: Advanced

Java: Intermediate

DSA: Advanced

Unity: Advanced

**Personal skills:**

**Problem Solving:** Strong analytical skills with a focus on effective solutions.

**Teamwork:** Collaborative team player with experience working in diverse teams.

**Time Management:** Efficient at prioritizing tasks andmanaging time to meet deadlines.

**Personal details:**

**Address:** Lambwali, Faridkot , Punjab.

**Date of Birth:**15-October-2006

**Nationality:** Indian

**Languages known:** English, Hindi and Punjabi.