Anagh Goel

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GitHub:// [AnaghGoelGitHub](#) | Linkedin:// [AnaghGoelLinkedin](#) | Portfolio:// [AG.tech](#)

EDUCATION

Jaypee University of Information Technology, Waknaghat   Solan, H.P.

B.Tech in Computer Science Engineering - CGPA: **8.40**/10   August 2022 - June 2026

Kendriya Vidyalaya Holta Cantt   Palampur, H.P.

12th Standard PCM (CBSE) - Percentage : **86.40%**   April 2020 – March 2022

RELEVANT COURSEWORK

Data Structures and Algorithms | Design and Analysis of Algorithms | Database Management System | Operating System | Cybersecurity Fundamentals | Object Oriented Programming | Computer Graphics and Visualization | Computer Networks

SKILLS

Languages: C++, C, Python

Frontend: HTML, CSS, JavaScript

Backend: MySQL

Libraries/Frameworks: OpenGL, Numpy, Flask, PyAudio

Tools & Technologies: MATLAB, Simulink, Git, GitHub, Linux, VS Code, Jupyter, Wireshark, FTK Imager, VirtualBox

Soft Skills: Problem Solving, Communication, Time Management

PROJECTS

Secure QR Code Scanner | Web-Based Phishing Detection Tool 🔗   **2025**
- Developed a **Secure QR Code Scanner** web application to identify and block **phishing URLs** embedded in QR codes**.**
- **Responsive UI** with **HTML/CSS**, **VirusTotal API** for scans, **Firebase** for secure storage.
- Enabled users to safely scan QR codes via **webcam** or **image upload**, with **real-time threat analysis** and a **modern, user-friendly interface**.

Meteor Escape| C++-based 2D Survival Game 🔗   **2025**
- Developed a 2D survival game in **C++** using **OpenGL/GLUT**, where players dodge falling meteors using real-time controls.
- Implemented **dynamic obstacle generation**, **collision detection**, and **score tracking** for responsive gameplay.
- Designed with smooth visuals, booster effects, and start/game-over screens for an engaging experience.

Typing Dash | Online Typing Accuracy Tester 🔗   **2024**
- Created an **interactive web-based application** that measures **typing speed** and **accuracy**, providing feedback in **real-time**.
- Designed using **HTML**, **CSS**, and **JavaScript**, it tracks **performance** and helps users improve their **typing skills** through continuous practice.
- Features **adjustable difficulty**, **WPM measurement**, and **error tracking** to enhance **typing proficiency** over time.

Investment Portfolio Tracker| MATLAB-Based Financial Analysis Tool 🔗   **2023**
- Developed a tool for analyzing and tracking **investment performance**.
- Used **MATLAB** for **data import**, **portfolio optimization**, **risk assessment**, and **visualization**.
- Provided investors with **automated reports** and insights into portfolio growth and trends.

ACHIVEMENTS

92% percentile WheeBox Global Employability Test | **3**rd Capture Capital TIEDC| **7th** / 65 – Qriosity 3.0 | **6th** / 50 – Biz Quiz

CODING PROFILES

[Leetcode](#) 🔗   [HackerRank](#) 🔗   [GeeksForGeeks](#) 🔗   [CodeStudio](#) 🔗