

Aniket Saha

+91 8388010464 | aniketsahaworkspace@gmail.com | linkedin.com/in/Aniket | github.com/Aniket

EDUCATION

Lovely Professional University

Bachelor of Technology - Computer Science and Engineering: CGPA: 7.44

Punjab, India

Aug. 2023 – May 2027

PROJECTS

Virtual Quiz Game | *Python, MySQL*

Feb 2024 – Present

- Designed an educational quiz game to teach children about potential outer-world threats in a creative, engaging manner. By combining real-world awareness with interactive gameplay, it promotes critical thinking and learning in an innovative format.
- Leveraged advanced hand-tracking technology using Mediapipe and CVZone to enable gesture-based interactions, creating a modern and hands-free user experience that is both accessible and entertaining for kids
- Developed a modular game architecture with CSV-driven question parsing, allowing dynamic content management and seamless scalability for diverse educational topics

Fire Detection System | *Python, Git*

Oct 2024 – Present

- Designed a real-time fire detection model using YOLO for efficient object recognition in emergency scenarios
- Developed an interactive user interface integrating Python and HTML for deployment flexibility
- Enhanced fire detection accuracy by 30% through optimized image processing algorithms and improved sensor integration

AI Data Analyst | *Python, Git*

March 2025 – Present

- Built an AI-driven data analysis agent capable of reading datasets at runtime and performing user-specified operations using Python libraries
- Designed a system that enables seamless data preprocessing, visualization, and statistical analysis through interactive command-based input, improving flexibility in data exploration
- Integrated automation features to handle diverse datasets, reducing manual effort in analysis and enabling efficient data-driven decision-making
- Integrated a basic CI/CD pipeline using GitHub Actions to automate code testing and deployment, ensuring reliability and streamlined updates during iterative development.

CERTIFICATIONS/ACHIEVEMENTS

Course Completed: Unrevealing Basic Python towards ML/AI – *CSE Pathshala, March 2024*

Hackathon Finalist: Reached finals in IOT Hackathon LPU for developing a gesture-controlled educational game using MediaPipe.

300+ questions solved: Completed challenges on platforms like Leetcode, Hacherrank and GFG.

Open Source Contribution: Contributed to educational content modules in an open-source e-learning platform on Coder Legion.

PROFILES

Coding Profiles: [LeetCode](#) [Hackerrank](#) [GeeksforGeeks](#)

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS

Frameworks: Tailwind, React

Tools/Technologies: Git, VS Code, Visual Studio, PyCharm,

Core Concepts : Operating System (OS), Data Structures, Networking, Database (DBMS), Software Engineering