Arnav Pundir

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📅 Date of Birth: 22nd January, 2006

Objective

Motivated and detail-oriented software developer with hands-on experience in Python-based desktop applications, AI integration, and modern GUI development using PyQt5. Skilled in web development with HTML, CSS, and JavaScript, alongside a strong foundation in programming languages such as C++, Java, and Python. Eager to contribute to innovative tech solutions and grow within a dynamic software development environment.

Education

- **Bachelor of Technology (B.Tech), Computer Science Engineering**
  College of Engineering Roorkee (COER University), Roorkee
  Expected Graduation: 2028
- **High-Schools**
  Montfort Sen. Sec. School, Roorkee
  Year : 2022
- **Intermediate**
  Atal Utkrisht G.I.C, Roorkee
  Year: 2024

Technical Skills

- **Programming Languages:** Java, C++, Python, JavaScript
- **Web Technologies:** HTML, CSS
- **Tools & IDEs:** IntelliJ IDEA, Visual Studio Code
- **Operating Systems:** Windows, Linux
- **Core Concepts:** Object-Oriented Programming, Basic Data Structures & Algorithms
- **Special Interests:** Artificial Intelligence for task automation

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Work Experience

Fresher
Currently seeking opportunities to apply technical knowledge and contribute to real-world software development projects.

Academic Projects & Coursework

[AI-Based Face Recognition Attendance System](#)
Python, OpenCV, dlib, PyQt5

- Implemented facial recognition with blink detection for secure attendance logging.
- Developed a PyQt5 GUI and handled CSV-based data management.

[Desktop Voice Assistant – Devin](#)
Python, PyQt5, SpeechRecognition

- Built a voice-activated assistant capable of executing system commands and controlling media.
- Integrated modern GUI elements with waveform animations and real-time logging.

Virtual Mouse Using Hand Gestures
Python, OpenCV, MediaPipe, PyAutoGUI

- Created a touchless interface for controlling the mouse using real-time hand gestures.

[Women's Safety Web Application](#)
HTML, CSS, JavaScript, Firebase

- Designed a responsive emergency alert web app with geolocation-based SOS functionality and Firebase integration.

Mind Reader Game – Java & Web Editions

- [Java](#)**:** GUI-based logic game using Java Swing.
- [Web](#)**:** Replicated using HTML, CSS, and JavaScript with interactive UI and logic flow.

[Portfolio Website](#)
HTML, CSS

- Designed and deployed a personal portfolio showcasing skills and projects.

Data Structures & Algorithms (Ongoing)

- Studying key DSA topics in Java including arrays, stacks, queues, linked lists, sorting, and searching.

Coursework

- Data Structures and Algorithms
- Object-Oriented Programming (C++, Java)

Certifications

- Java Programming – [HackerRank](#) (2024)
- Java Internship – [CodSoft](#) (2024)

Extracurricular Activities

- Active Member, *D-Coders Squad* – Competitive Programming Club at COER

Personal Skills

- Strong analytical and problem-solving mindset
- Quick learner with adaptability to new technologies
- Effective communicator and team player

Languages

- English (Fluent), Hindi, Punjabi