



# Abhay Kumar

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 [LinkedIn](#)

 [Github.com](#)

## EDUCATION

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- Chandigarh University** 2020 – 2024  
Bachelor of Engineering in Computer Science And Engineering (CGPA – 7.8/10.0) Mohali, Punjab
- MP & EV ENGLISH MEDIUM SCHOOL GAJUWAKA** 2017 - 2019  
Central Board Of Secondary Examination -12th (Percentage: 71.00%) Vizag, Andhra Pradesh
- DAV PUBLIC SCHOOL BHATGAON** 2016 - 2017  
Central Board Of Secondary Examination -10th Bhatgaon, Chhattisgarh

## EXPERIENCE

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- Software Developer Intern | Persistent System** June 2023 – October 2023
  - Worked on Fingerprint Analysis Criminal Tracking System
  - Taught Data Science languages and frameworks such as Python, SQL, Pandas, NumPy, Matplotlib, and ML Library..  
Designed and conducted comprehensive lessons on database management using SQL and NoSQL databases.
  - Conducted code reviews, offering constructive feedback and assisting students in debugging their code.
  - Tech stack : Python , SQL, MySQL, Beautiful Soup, Selenium, Orange.
- Inter - Research | SISTMR Australia** July 2022 – Oct 2022
  - Provided clear explanations and examples in Cyber Security.
  - Work is to maintain a progress report which will be discussed at regular intervals by our supervisor.
  - Conducted code reviews, offering constructive feedback and assisting in debugging.
  - Tech stack: Research, Cyber Security ,Data Analysis.

## SKILLS AND INTERESTS

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- Languages:** C++, C, SQL, Python.
- Technologies and Libraries:** HTML, CSS, MongoDB, MySQL, Django, API Testing, Linux, Git, Github, Postman, Beautiful Soup.
- Relevant Courses:** Data Structures, Algorithms , OOPS, DBMS, Operating System, Networking, Data Science, Machine Learning, AI Tools – Gemini, ChatGPT, etc .
- Areas of Interest:** C++ Developer, IOT Developer, Data Scientist, Data Engineering , DevOpS.

## PROJECTS

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- Pong Game** [GitHub](#)
  - Developed a classic Pong game in C++ using the Raylib graphics library, focusing on interactive gameplay and smooth performance.
  - Showcased creativity by designing visually appealing game elements with dynamic colors, animations, and a responsive user interface.
  - Integrated AI for a CPU-controlled paddle, enhancing the competitive aspect and demonstrating advanced problem-solving skills in game development.
- Real Time Chat Web App** [GitHub](#)
  - It is virtually any online communication that provide a real-time or live transmission of text messages from sender to receiver.
  - It is time efficient and easy to work, we can also use for buying the stuff.
  - Utilized technologies: Python, Xampserver, Mysql, JS.

### **Anti Sleep Alarm For Driver**

[GitHub](#)

- Develop a system that can detect the sleepiness of the Driver and make Alarm accordingly.
- Create automated device that can check whether the driver eyes are close or not for some mili. According to that make alarm to alert that driver. Used in other situation where you need to stay awake.
- Technologies used: Arduinio UNO, C++, C, Sensors.

### **ACHIEVEMENTS**

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- **LeetCode 100 Days Badge 2024**
- **Solved 300+ Problems Solved on Coding Ninja & Leetcode**
- **Gold Medal at Coding Treasure Hunt** Conducted by CSE Final Year Department C.U

[LeetCode](#)

### **CERTIFICATION**

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- **AWS Cloud Technical Essentials**
- **Ethical Hacking: System Hacking**

[Coursera](#)

[Coursera](#)