

MAYANK AIRAN



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Summary

Motivated Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning, with an expected graduation in July 2025 from Chandigarh University. Proficient in programming languages including C++, Python, and Core Java, and experienced in developing applications using Django, Flutter, and Firebase. Demonstrated ability to work collaboratively on projects such as a two-factor identity verification system and an integrated women's health app. Recognized for contributions in hackathons and competitions, including a finalist position in an Ideathon for AI in Banking. Eager to apply technical skills and innovative thinking to impactful software development initiatives.

Education

Chandigarh University

August 2021 – July 2025 (Expected)

Bachelor of Engineering, Computer Science Engineering with AI/ML

Chandigarh

- CGPA: 8.07

RED School Charkhi

April 2020 – March 2021

High School, Non Medical

Charkhi Dadri, Haryana

- Percentage: 88.8

RED School Charkhi

April 2018 – March 2019

Intermediate

Charkhi Dadri, Haryana

- Percentage: 95.6

Technical Proficiency & Skills

Languages: C++, Python, Core Java

Coursework: Data Structures and Algorithms, OOPS, DBMS, Operating System, AI/ML

Development Frameworks and Technologies: Django, Flutter, Kotlin, Firebase, MongoDB

Tools and Platforms: Github, VsCode, MYSQL, Docker, Linux Desktop

Interpersonal skills: Communication, Time Management, Leadership, Teamwork

Projects

Visual Cryptography | *Django,HTML,Xampp,CSS,MySql*

December 2023

- Implemented a robust security framework requiring users to complete a two-step verification process before voting.
- Ensured that only authorized users can vote, significantly enhancing the integrity of the electoral process.
- Helped protect users from phishing attacks, creating a secure environment for voting.

Indu | *Dart, Flutter, Firebase, Google Maps API*

April 2023

- Designed a comprehensive platform that empowers women with knowledge and resources regarding menstrual health.
- Provided accurate menstrual education through engaging and user-friendly articles and videos, making vital information accessible and understandable.
- Leveraged data analytics to identify potential health issues and generate personalized exercise and yoga recommendations, promoting holistic wellness.

Facial Emotion Recognition | *Python,AI-ML,HaarCascades*

November 2022

- Developed an AI project that utilizes webcam input to accurately recognize and analyze human emotions in real time.
- Leveraged emotion recognition to support better interpretations of human behavior, improving communication and understanding in various contexts.
- Assisted in evaluating audience joy levels during stage performances, providing insights to refine future performances based on emotional feedback.

Awards and Achievements

Hackathons

- Open Source Contribution: Participated in the Hacktoberfest contest, contributing to open-source projects and demonstrating commitment to community-driven development.
- NPTEL Excellence: Achieved an elite batch certification in C and C++ through the NPTEL examination, showcasing strong programming skills.

Competitions

- International Conference Presentation: Secured an opportunity to present a proposal on a visual cryptography project at a prestigious international conference. The project aimed to enhance voting security for millions of citizens nationwide.
- Finalist in Ideathon: Reached the finalist stage in the Ideathon organized by Standard Chartered, focusing on the application of AI in banking.