

# Aryan Dabas

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## SKILLS SUMMARY

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- Languages: Java, C, C++, Python, JavaScript
- Frameworks: HTML and CSS, Spring boot, MVC
- Tools/Platforms: GitHub, VS Code, MySQL
- Soft Skills: Leadership, Problem-Solving Skills, Communication, Adaptability

## EXPERIENCE

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Intern | Indira Gandhi Institute of Technology, New Delhi

3<sup>rd</sup> June – 29<sup>th</sup> July 2024

- Worked on machine learning projects involving data preprocessing, model building, and performance evaluation. Utilized Python, TensorFlow, and Pandas to develop accurate predictive models, and collaborated with a team to analyse datasets and implement machine learning solutions for real-world applications.

## PROJECTS

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- Hospital Management System
  - I developed a **Hospital Management System (HMS)** in Java to streamline hospital operations such as patient management, doctor scheduling, billing, and appointment booking. The system uses a **MySQL database** to store patient and staff records securely. It features a **user authentication system** for admins, doctors, and receptionists, allowing them to manage appointments, generate invoices, and track medical inventory efficiently. By automating these processes, my HMS improves hospital workflow, reduces paperwork, and enhances patient care.
- Research Paper (Unpublished)
  - Identification of the Best Machine Learning Algorithm for Breast Cancer Detection.

## CERTIFICATIONS

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- Python for Data Science, IBM
- Python Training Certificate, IIT Bombay
- MongoDB Course Competition Certificate
- Introduction to Java – Solo learn
- Java Course Completion – Scaler

## EDUCATION

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- Dronacharya College of Engineering Gurugram, India  
*Bachelor of Technology – Computer Science and Engineering with AI&ML Specialization*

## CO-CURRICULAR ACTIVITIES

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- I have actively engaged in a diverse range of co-curricular pursuits that have enriched my leadership and teamwork abilities. As the Event Management Head for almost a year, I orchestrated successful gatherings, refining my organizational and communication skills. I also have singing skills and actively take part in cultural activities. Additionally, I volunteered with the RIS Department for the G20 University Connect event, where PM Modi made a physical presence. Furthermore, I attended a 10-day adventure camp in Manali under the Government of Himachal Pradesh. These experiences have sculpted me into a well-rounded individual, primed to contribute effectively in any setting.