

Ayon Aryan

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PROFILE

B.Tech (Hons.) student in Computer Science at RV University with strong skills in Java, C++, Python, and Machine Learning. Certified in AI, Spring Boot, and Data Structures with hands-on experience in software development. Seeking an internship to apply problem-solving and programming expertise in a dynamic IT environment.

EDUCATION

Delhi Public School | Patna, India

Class Preparatory: Class 11

Relevant Courses: HTML ,JS

Gyansthal High School | Patna, India

Class 12.

RV University | Bangalore, India

B Tech(Hons.)

Relevant Courses: Data Structures, Algorithms, Systems Software, Machine Learning

Graduation year: 2027

7.77 Gpa



Leadership & Extracurriculars

- **Head of Research Analysts** – Chiptech Microcontroller Club, RV University
- Led research projects on **microcontroller applications** and mentored peers.
- Organised a **Ideathon** event in my university.

Skills & Achievements

- **Programming Languages:** Java, C++, Python and C
- Winner in **Best Project Award** for Structural Innovation
- Got a **Python Zero to Hero Course Completion Certificate** from Udemy
- **AI & Machine Learning:** Deep Learning, Intro to Machine Learning (Kaggle)

- **Frameworks:** Spring Boot, Android Studio, Xcode
- **Got 4 Star in Hackerrank** in C++ and Java
- Have two **Public Repository** on Github
- Built a **Electronic Locking System**
- Build a **Basic Search Engine** With Python
- **Scored 2200/3000** in the CodeChef C++ Online Test.
- **Built a Blood Glucose Level Detector** as a 2 semester project

Projects

Smart Door Lock System (*First Semester, RV University*)

- **Tech Used:** Circuit Design, Security Mechanism
- Developed a secure door lock system using **ICs instead of microcontrollers**.
- Designed a **5-button UI with 6 lights**, requiring a specific input sequence to unlock.

GlucoSense: Non-Invasive Glucose Level Detector (*Second Semester, RV University*)

- **Tech Used:** Biosensors, AI Analysis
- Created a **saliva-based glucose monitoring system** as an alternative to traditional methods.
- Presented at the **13th IEEE CCEM Conference (2024)**.
- GitHub Link - <https://github.com/AYON-ARYAN/GLUCOSENCE>

Instagram App Clone (*Second Semester, RV University*)

- **Tech Used:** Android Studio, Firebase
- Built an **Instagram-like app with a functional login page** and UI components.

Spotify App Clone (*Second Semester, RV University*)

- **Tech Used:** Android Studio, Firebase
- Developed a **music player with playlist functionality** similar to Spotify.

Basic Search Engine in Python

- **Tech Used:** Python, Web Scraping

- Built a lightweight search engine for retrieving web-based information efficiently.

Technical Skills & Certifications

- **Programming Languages:** Java, C++, Python, C
- **Data Structures & Algorithms**
- **Web & App Development:** Spring Boot, Android Studio, Xcode
- **Machine Learning & AI:** Deep Learning, Regression & Classification
- **Databases:** MySQL, SQLite

Certifications

- **Java:** HackerRank Certificate of Excellence (4 Stars)
- **C++:** Scaler Topics Certificate of Excellence (4 Stars)
- **Python:** Udemy Zero to Hero Course
- **Deep Learning:** Kaggle Course (Intro to Deep Learning)
- **Supervised Machine Learning:** Stanford Online Course
- **Business Analysis:** Microsoft & LinkedIn Course

Competitive Coding & Achievements

- **4 Stars on HackerRank (Java & C++)**
- **Scored 2200/3000 in the CodeChef C++ Online Test**
- **Winner of the Best Project Award for Structural Innovation**
- **Have Two Public GitHub Repositories**

Summary

Enthusiastic Computer Science Engineering student with a passion for software development, AI, and problem-solving. Eager to contribute to a dynamic team and gain industry experience through hands-on internships in IT and software development.