

ADITYA NARAYAN RAUL

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GitHub: <https://github.com/adityaraul004>

Leetcode: <https://leetcode.com/u/AdityaRaul/>



CAREER OBJECTIVE

Aspiring software developer and Computer Science undergraduate skilled in Python and Java, seeking to contribute to innovative software projects. Ready to apply analytical and problem-solving abilities in a dynamic team environment. Committed to continuous learning and professional growth while delivering high-quality software solutions.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Computer Science Engineering**

CMR Institute of Technology, AECS Layout, Bangalore

7.97, 2026 [Pursuing]

- **12thstandard – Science**

Aps K, Kamaraj Road, Bangalore

87.8%, 2022

- **10thstandard**

Aps Shankar Vihar, New Delhi

77.8%, 2020

TECHNICAL SKILLS

Programming Languages: Java, C, Python

Frameworks and Libraries: React, Redux, Node.js, Flutter

Software: Visual Studio Code, WordPress, Microsoft Office Suite, Google Workspace, Solid-Edge, Keil, Eclipse, phpMyAdmin, Jupyter Notebook

Operating System: Linux, Windows

Web Technologies: HTML, CSS, JavaScript, PHP

Database: SQL (MySQL, SQLite), NoSQL (MongoDB), JDBC

Cloud Services: AWS (EC2, ECR, S3, RDS)

Version Control: Git, GitHub

DevOps Tools: Docker

PROJECTS

- **Title:** Personal Portfolio Website

Description: Designed and developed a responsive, dark-themed personal portfolio to showcase professional background and projects. Implemented smooth section transitions and user-friendly navigation across About, Projects, Resume, and Contact pages.

Focused on intuitive UI/UX to create a strong digital presence and improve engagement.

Tech Stack: HTML, CSS, JavaScript, three.js, Tailwind CSS, GSAP

- **Title:** Smart Care Assistant

Description: Developed a smart web platform for doctors and chronic illness patients. Features: Health data logging, trend visualization, ADR detection (rule-based/ML), automated reports, smart alerts, responsive UI.

Tech Stack: HTML, CSS, JS, PHP, SQL, Github

- **Title:** AI-powered Chatbot for Mental Health Detection

Description: Develop an emotionally intelligent AI chatbot with multimodal emotion detection, personalized memory-based responses, real-time crisis support, and end-to-end encrypted communication to ensure mental health monitoring and user data privacy.

Tech Stack: TensorFlow, PyTorch, NLTK, OpenAI GPT, Flask / Django

- **Title:** Graphical Password Authentication Interface
Description: Developed a secure, image-based password system using Python and Tkinter. The application includes a drag-and-drop interface that lets users set graphical passwords by arranging images in a specific order. It features real-time validation, adjustable complexity settings, and an emphasis on both usability and security as an alternative to traditional text passwords.
Tech Stack: Python, Tkinter, GitHub
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WORK EXPERIENCE

Company Name: Radha and Aadarsha Khadyana

Duration: Sep – Nov 2024

Designation: Front end Developer

Responsibilities:

- Collaborated directly with a local client to design and develop a responsive front-end website and offline - capable invoice billing system for a food distribution business.
 - Built interactive forms, integrated basic backend functionality using PHP and MySQL, and improved user experience through clean UI/UX design.
 - Maintained code via GitHub and ensured smooth delivery through iterative development and client feedback.
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CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

● Hackathons:

- Competed in **AptiCode**, 2025
- Involved in **GenAI Hackathon** conducted by **HappyFox**, 2025
- Participated in SJBIT 24-hour hackathon in 2025
- Participated in **multiple tech hackathons** across Karnataka

● Volunteering & Outreach:

- Volunteer – 4Day Education Event Tumbarahalli Govt. Primary School Outreach | 2025

● Sports:

- Participated in CMRIT Athletic Meet 2024 – 1500m Marathon
- Completed 5K College Marathon, organized by CMRIT (Mar 2025)
- Badminton | Football | Table Tennis

● Additional Responsibilities:

- Organized college marathon: managed crowd and vehicle flow, designed coupons and signage, coordinated volunteers.
 - Coordinated Kargil Vijay Diwas event at MEG Centre: managed guest entries, reception, participant records, and team communication.
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ACHIEVEMENTS

- Finalist – E-Summit'25, IIT Roorkee; top 25/250+ teams for revival strategies of discontinued product
 - Finalist – Business Hackathon, IMT Nagpur top 15/200+ teams for agricultural waste recycling model
 - Finalist – Business Hackathon, IIT Madras; Contributed marketing strategies for NOA at IIT Madras; top 12/200+ teams nationally
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PERSONAL DETAILS

Date of Birth : 11th May, 2005
Gender : Male
Nationality : Indian
Permanent Address : Villlage- Srikona, Post- Chandipur, PS- Chandipur, District- Balasore, State- Odisha, 756025
Linguistic Competency : Hindi, English, Odia, Japnese(Beginner)
Hobbies : Running, Bodybuilding, Reading self-help and productivity books, Travelling, Playing video games, watching movies and series