



NAMRATHA AKSHAYA

STUDENT

CONTACT

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EDUCATION

2022-2026

Amrita Vishwa Vidyapeetam,
Bangalore

- B-Tech, Computer Science and Engineering
- CGPA: 7.8 / 10

2022

Delhi Public School, Bangalore

- Class XII-85%

2020

Delhi Public School, Bangalore

- Class X-90%

SKILLS

- C/C++
- JAVA
- HTML
- CSS
- Teamwork
- Time Management
- Leadership
- Good Communication

LANGUAGES

- English
- Telugu
- Kannada
- Hindi

PROFILE

A hardworking and dedicated individual, currently in the 3rd year of B-Tech in Computer Science and Engineering at Amrita Vishwa Vidyapeetam, Bangalore.. A beginner in learning programming languages like C/C++, Java, and Python, but have intermediate skills in HTML, CSS, and JavaScript. Highly organized, adaptive, and possessing excellent communication and leadership qualities.

PROJECTS

• REAL-TIME MULTI-SENSOR EMBEDDED SYSTEM FOR ENVIRONMENTAL AND HEALTH MONITORING USING IOT 2024

- Designed and implemented a real-time multi-sensor embedded system for environmental and health monitoring using IoT technology.
- The system was designed to monitor heart rate, humidity, and gas levels in the environment using an embedded IoT-based approach.
- This was done by using C++ language and Hardware components like sensors and Arduino board.

• MINI-MUSIC APPLICATION 2024

- Designed a mini music application like Spotify to provide a practical demonstration of the proposed recommender framework. This application allows for real-time interaction with the system, showcasing how the contextual and session-sensitive recommendations work in a user-friendly environment.
- Used sophisticated data structures including linked lists, array lists, queues, and hash tables, the program streamlines a number of features like playlist management, search, retrieval, and recommendation.

• ELECTRICITY BILLING SYSTEM 2023

- Developed an Electricity Billing System (EBS) to address the challenges associated with traditional manual billing processes. The proposed system leverages modern technology to streamline the billing workflow, reduce errors, and enhance user convenience. This was done completely by using JAVA language.
- Developed an entire frontend and backend for this project

ACHIEVMENTS

- Acceptance of a research paper on an IoT-based embedded systems project and soon to be published.
- Acceptance of a research paper on a comparative analysis of image compression and soon to be published.
- Acceptance of a research paper on Energy-Efficient Scheduling and Transmission in 5G V2X Networks and soon to be published.

COURSES/CERTIFICATION

- Web Development Bootcamp-2024
- Spooktacular Solutions Hackathon '24 conducted by Microsoft Ignite Students Club