

AMRIT RAJ

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EDUCATION

Kalasalingam Academy of Research and Education

Bachelor of Technology

Jul 2021 – Current

TN, India

- Major in Computer Science
- CGPA: 8.11/10

BD College

Intermediate in Science

Apr 2019 – Mar 2021

Bihar, India

- Physics, Chemistry, Mathematics
- Grade: 76.2%

EXPERIENCE

GFG KARE Student Chapter

Student Member

Jan 2023 – Current

- Collaborated on a team project to showcase my skills by participating in tech events.
- Organized 3+ tech events, resulting in a 15% growth in chapter membership and engagement with student developers.

IBM Phemesoft

Student Intern

Jun 2024 – Jul 2024

- Worked on a motion-sensing dustbin prototype that reduced waste handling time by 25% through automation.
- Integrated with Blynk IoT platform for remote control, cutting manual monitoring effort by 60%, using Arduino UNO and sensors technology. [[Demo](#)]

Bharat Intern

Web Developer Intern

Sep 2023 – Oct 2023

- Designed a responsive portfolio using HTML, CSS, and JavaScript, showcasing 5+ projects. [[Demo](#)]
- Developed a Temperature Converter website that results in a 20% increase in user engagement and implemented real-time conversion metrics that enhanced user retention by 10%. [[Demo](#)]

PROJECTS

Smart Dustbin | [GitHub](#)

Jun 2024 – Jul 2024

- Engineered an innovative motion-sensing dustbin prototype that automated waste collection processes, leading 25% reduction in waste handling time.
- Tools used - Arduino UNO, ultrasonic sensor, servo motor, 9V battery, LEDs and buzzer.

Text2Speech | [GitHub](#)

May 2024 – Jul 2024

- Developed a functional text-to-voice model with a user-friendly interface, with a 95% accuracy rate in text conversion.
- Improved accessibility for visually impaired users by 50%.
- Tools used – HTML, CSS and JavaScript.

SKILLS

- Programming: C++, Python
- Database: MySQL
- Web Dev: HTML, CSS, JavaScript, React.js(basic)
- Others: Power BI, IoT, GitHub, MS Word

ACHIEVEMENTS & CERTIFICATIONS

- Finalist in the IIT Madras Shastra Hackathon, 2024
- IBM ICE DAY – Winner of the Technical Paper Presentation, 2023
- Solved 150+ quality problems on LEETCODE and GFG.
- HTML, CSS and JavaScript for Web Developers – Coursera