

MOHAMED RIYAZ J

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SUMMARY

Enthusiastic software developer skilled in C, C++, and Python. Strong understanding of programming, algorithms, and data structures. Interested in data analytics and eager to use technical skills and problem-solving mindset to create useful, data-based solutions.

EDUCATION

Bachelor of Technology in Computer Science

Aug 2021 - Jul 2025

B S ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI

INTERNSHIP

Pantech solutions Pvt Ltd

Jun 2023 - July 2023

- Developed and implemented AI models using Python for various projects. Collaborated with a team to design and optimize machine learning algorithms.
- Conducted data preprocessing, analysis, and visualization to enhance model performance.

Edunet Foundation - AICTE Internship

Jun 2024 - July 2024

- Develop and implement responsive web interfaces using HTML, CSS, and JavaScript.
- Collaborating with design teams to enhance user experience
- Learned and applied web development technologies, including HTML, CSS, and JavaScript, to build and enhance web-based applications.

PROJECTS

Minor Projects

Moving Object Detection Using Python

2023

- Moving Object Detection using Python & OpenCV - Successfully developed a real-time object detection system during an AI internship at Pantech Prolabs.
- Utilized pre-trained models (e.g., Haar cascades, YOLO) and OpenCV to detect and track moving objects in video streams. Implemented background subtraction, contour analysis, and bounding box rendering.

Cloning Website (Hotstar)

2024

- This project involved a comprehensive study of front-end development and practical application through the cloning of the Disney+ Hotstar website.
- The project emphasized understanding modern web technologies and implementing industry standards to replicate an existing website's design and functionality.

Major Project

Blood and Plasma Net : Linking Hospital with Donor

(Full Stack Website using HTML, CSS and SQL)

2025

- This project aims to develop an efficient and user-friendly online blood and plasma donation system.
- The system will be built using Java for backend logic, HTML, CSS, and Bootstrap for frontend design, and SQL for database management.
- It will feature a secure login and registration system, allowing users to create and manage their profiles.
- The primary objective of this project is to simplify the process of finding and connecting suitable blood and plasma donors with hospitals and patients in need.
- By leveraging technology, the system will help bridge the gap between donors and recipients, ensuring timely and lifesaving donations.

Technical Skills: C, C++, Python, HTML, CSS, SQL, Power BI, MS OFFICE

Languages: English, Tamil