

# RAHUL R

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## EDUCATION

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**APJ Abdul Kalam Technological University of Kerala**

**September 2019 - June 2023**

***BTech in Computer Science and Engineering - CGPA - 7.4***

***GEC Wayanad***

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concepts

**Kendriya Vidyalaya No 2, Kochi**

**April 2018 - March 2019**

***12th - 77%***

**Kendriya Vidyalaya No 2, Kochi**

**April 2016 - March 2017**

***10th - 91.9%***

## TECHNICAL SKILLS

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**Languages:** C++, C, SQL, Javascript

**Technologies:** GitHub, Gitlab, jQuery

**Soft Skills:** Strategic planning, Analytical thinking, Problem-solving, Teamplayer, Flexible

## PROJECTS

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**Destination** | React, Redux

- Developed a responsive front page for an e-commerce website, implementing a dynamic shopping cart feature using React and Redux for state management.
- Integrated product listing and navigation components with Bootstrap and Font Awesome for UI styling and ensured state persistence with Redux for smooth user interactions

**Emotion Detection of Autistic Children** | Flutter, Firebase, Tensor Flow

- Designed and developed a mobile application to detect emotions in autistic children using a cutting-edge Convolutional Neural Network (CNN) model, enhancing timely emotional support.
- Created and maintained a secure backend using Firebase, with Firebase Authentication ensuring a safe and streamlined user experience for caregivers and parents.
- Captured facial expressions in real-time, seamlessly transmitting them to Firebase Storage for emotion detection using the CNN model, which analyzed emotions such as stress, happiness, and sadness.
- Integrated a notification system that immediately alerted caregivers when the system detected distress, allowing for prompt intervention and care.

**Store App** | Flutter, Firebase

- Developed a store management solution tailored for efficient student data handling and transaction management, aimed at streamlining operations for store managers.
- Implemented a barcode scanning feature to instantly retrieve student information using admission numbers, reducing time and errors associated with manual input.
- Automated the deduction of purchase amounts from student accounts, allowing for smooth and real-time transaction processing, enhancing operational efficiency.

## ACHIEVEMENTS

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- Presented a paper in International Conference on Intelligence Technologies in CSE (ITCES)
- Obtained first prize for Tech Quiz conducted by Government Engineering College Wayanad

## CERTIFICATIONS

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- Mastering C and C++ Programming: From Fundamentals to Advanced
- Foundations of UI & UX by Google
- Web development-Zero to Hero
- MySQL Bootcamp - Udemy