ARYA PP

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EDUCATION

College of Engineering, Trivandrum	Kerala, India
Btech Computer Science	*2021-2025*
Rahmania HSS for Handicapped,Kozhikode	Kerala, India
Kerala Higher Secondary Board	*2018-2020*

EXPERIENCE

Design Team, IEEE SB CET — 2023-2024

- Led and coordinated the sub-design team, managing branding and promotions for IEEE SB CET events.
- Designed over 50 event posters and certificates using Photoshop and Canva, collaborating with sponsors and organizers.

Drishti Sponsorship Team — 2023-2024

- Led promotional initiatives and managed sponsorship outreach for Drishti, the national-level technical fest of our college, enhancing its visibility and reach.
- Developed and maintained partnerships with firms and organizations, successfully driving sponsorship campaigns.
- Secured funding through effective negotiation and collaboration with sponsors, contributing to the fest's overall success.

PROJECTS

IoT based Water level monitoring system

- Built a real-time residential water monitoring solution using pressure sensors and NodeMCU.
- Logged data to Firebase for cloud storage; implemented web interface with live alerts.
- Tools Used: Arduino, Firebase, HTML/CSS, JavaScript

OpenCV Project on Blink Eye Rate

- Developed a Python-based system to track blink rate from webcam/video input.
- Used dlib and Eye Aspect Ratio (EAR) technique for accurate real-time detection.
- Tools Used: Python, OpenCV, dlib, imutils

Movie Ticket Booking System

- Developed a full-stack movie ticket booking system
- Implemented user registration, seat selection, and payment processing to streamline booking operations.
- Technologies: React, Node.js, Express.js, MongoDB

SKILLS

Languages: Java, Python, C, SQL (Postgres), JavaScript, HTML/CSS
Web/Dev Tools: React.js, Node.js, Express.js, MongoDB, Firebase, Git
IoT/Hardware: Arduino, NodeMCU, Sensors
Design Tools: Photoshop, Canva, Figma
CS Fundamentals: Data Structures and Algorithms, OOPs, OS Basics, DBMS
Soft Skills: Communication, Leadership, Public Speaking, Event coordination