

Arun M

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PROFESSIONAL SUMMARY

Enthusiastic and helpful individual with experience as a mentor at TinkerHub TKMCE. Helped students with their projects by solving technical problems and suggesting better ways to build them. Also guided teams during two hackathons organized by TinkerHub. Enjoy working with others, sharing knowledge, and learning about new technologies.

SKILLS

Programming Languages: C, Java, JavaScript, SQL

Frameworks & Libraries: React.js, Node.js

Tools & Platforms: GitHub, Firebase (Authentication, Firestore, Storage), Postman

Core Competencies: Data Structures & Algorithms (DSA), Problem Solving

EDUCATION

TKM College of Engineering - Kollam, Bachelor of Computer Science Engineering 09/2023 – present

AKNM GPTC Thirurangadi, Diploma of Education, Electronics and Engineering 07/2020 – 06/2023

PROJECTS

Activity Points Management System 01/2025 – 04/2025

- Developed a comprehensive web application to track, validate, and manage student participation in both co-curricular and non-co-curricular activities, ensuring compliance with institutional requirements.
- Enabled students to seamlessly upload certificates, monitor submission status in real time, and track accumulated activity points through an intuitive interface.
- Built dedicated advisor and admin panels to streamline certificate validation, point assignment, and overall system management with role-based access control.
- Automated the point calculation process and integrated analytics dashboards to provide insights into engagement patterns and activity trends.
- Utilized **React** for the frontend and **Firebase (Authentication, Firestore, Storage)** for secure data management, while leveraging **Postman** for API testing and validation.
- Delivered measurable impact by reducing manual verification time by **60%** through automation and improving overall transparency of the process.

CERTIFICATES

- Introduction to programming in Java (NPTEL) IIT Kanpur 07/2024 - 09/2024

POSITIONS OF RESPONSIBILITY

- Student Mentor TinkerHub TKMCE 09/2024 – 07/2025
 - Guided 10+ students in building and deploying projects.
 - Mentored teams during 2 hackathons, improving project completion and quality.