

Arun Babu

Full-Stack Web Developer skilled in React and modern web technologies

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github.com/arun909 | arun909.netlify.app

EDUCATION

- Bachelor of Technology in Computer Science and Engineering** 2022 – 2025
Government Engineering College, Idukki
- Diploma in Computer Hardware Engineering** 2020 – 2022 | CGPA: 8.9
EKNM Model Polytechnic College, Kannur
- Higher Secondary** 2018 – 2020
Directorate of Higher Secondary Education, Kerala

PROJECTS

- SmartScan: Attendance + Violence Detection System**
A dual-purpose system integrating facial recognition and real-time surveillance.
 - Implemented facial recognition to automate real-time student attendance.
 - Developed a live surveillance module to detect violent behavior using ML models.
 - Tech Stack: Python, OpenCV, TensorFlow, React, Supabase
- Asquare: Real-Time Chat Application**
A secure and responsive one-to-one messaging platform.
 - Enabled real-time private messaging using Firebase Firestore.
 - Integrated secure user authentication with Email and Google login.
- Expenso: Personal Finance Tracker**
A lightweight app for expense tracking and budget visualization.
 - Track income and expenses with custom emoji-based tags.
 - Visualize weekly/monthly summaries and explore entries via calendar filters.
 - Tech Stack: React, Firebase (Firestore), Tailwind CSS

EXPERIENCE

- Computer Hardware Engineer** Feb 2021 – Mar 2022
Superchip Technologies, Kannur
 - Diagnosed and repaired computer hardware and peripheral issues.
 - Gained hands-on experience in assembling, testing, and maintaining desktop systems.

ROLES & RESPONSIBILITIES

- Department Chairman** Jan – Dec 2023
Computer Science Department, GEC Idukki
 - Organized and led multiple hackathons and technical quiz competitions, fostering innovation and team collaboration.

TECHNICAL SKILLS & INTERESTS

Languages: JavaScript, HTML, CSS, C++, Python

Frameworks: ReactJS

Development Tools: VS Code, GitHub

Cloud/Databases: Firebase, Supabase, Netlify, Vercel

Coursework: Data Structures and Algorithms, Operating Systems, OOP, DBMS, Software Engineering, Computer Architecture

Interests: Web Development, System Building, Automation

Soft Skills: Problem Solving, Leadership, Adaptability, Self-Learning, Public Speaking