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Muralidharan

FULL STACK MOBILE APP DEVELOPER

EDUCATION

B. Sc. Computer Science | 2020–2023

National College Trichy [Autonomous], Trichy, India.
CGPA – 8.5 / 10.0

M. Sc. Computer Science | 2023–2025

Bishop Heber College [Autonomous], Trichy, India.
CGPA – 7.5 / 10.0

PERSONAL SUMMARY

- Reliable and results-driven professional with expertise in process optimization, project management, and data analysis. Skilled at modernizing workflows, improving efficiency, and maintaining strong organizational systems. Known for excellent communication, problem-solving, and leadership abilities that drive team success and deliver high-quality outcomes across business operations.

ACHIEVEMENTS & AWARDS

- First Place – Quiz Competition [SRM Trichy Arts and Science College]

- Received Shield – Web Developer [Bishop Heber College]

- Certificate – Created OD App for the Department of Computer Science [Bishop Heber College]

LANGUAGES

- English – Fluent
- Tamil – Native

EXPERIENCE

Internship – Suyap Tech Solutions   June – 2024

- During my internship at Suyap Tech Solutions, I independently developed a cross-platform mobile application using Flutter, focusing on both frontend implementation and backend integration. I built responsive UI screens from design concepts and integrated secure APIs developed in PHP Laravel. I also used Postman to test and validate all API endpoints before integration, ensuring smooth data flow and functionality. This experience strengthened my skills in Flutter development, API communication, and delivering scalable, high-quality mobile solutions in a real-world environment.

TECHNICAL SKILLS

Mobile Development

- Framework – Flutter
- State Management – flutter_bloc, Provider, setState
- Key Packages – socket_io_client, firebase_core, firebase_messaging, hive, shared_preferences, Shimmer etc.,

Backend Development

- Node.js Stack – Express.js, Socket.IO, JWT, Multer, bcrypt.
- PHP Stack – Laravel

Databases – MySQL

Authentication & Security

- JWT-based login, Middleware for access control, bcrypt encryption, Role-based Access Control (RBAC)

Tools & Version Control

- Git (GitHub), Postman, Figma

CI/CD & Deployment

- GitHub-based version control, Azure App Service CI/CD

PROJECTS INVOLVED

1. Real-Time Chat Application – Chatapp (Launching Soon on Play Store)

Stack: Flutter, Node.js, Socket.IO, Microsoft Azure

- Developed a production-ready full-stack chat application independently, deployed on Microsoft Azure.
- Built UI in Flutter based on Figma designs with flutter_bloc for state management, socket_io_client for real-time communication, and shared_preferences for session storage.
- Created backend using Node.js, Express.js, and Socket.IO with secure authentication (JWT), file uploads (Multer), and password encryption (bcrypt).
- Integrated robust middleware and CORS for secure API access.
- Used Git for version control and Postman for API testing.

2. Online OD Management System – College Department App

Stack: Flutter, PHP, JWT, Dio

- Designed and implemented a role-based OD management system supporting Student, Staff, and HOD roles.
- Developed Flutter frontend with JWT login, dynamic UI for role-specific access, and Dio for API communication.
- Backend in PHP handled OD approval flow and generated digitally signed OD PDFs.
- Included offline access to study materials.
- Successfully tested by 40+ students and multiple faculty with excellent feedback.

3. Sociogram – Social Media App (In Progress)

Stack: Flutter, Node.js

- Building a scalable, full-stack social media app with modern UI/UX using Flutter and Node.js.
- Frontend includes real-time content updates via socket_io_client, advanced UI transitions, and flutter_bloc for clean state management.
- Backend includes modular REST APIs with Express.js, JWT authentication, MongoDB integration, media uploads, and notification system.
- Focused on delivering seamless performance and responsiveness across all screens.

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge.