Mohammed Shamseer PV

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SUMMARY

- Passionate Flutter Developer with 3 years of experience specializing in cross-platform mobile application development.

- Expert in Flutter, using state management techniques like BLoC and Provider to build scalable, high-performance apps.

- Experience in MVVM, MVC, MVP, and Clean Architecture to ensure maintainable and scalable applications.

- Skilled in backend development using Node.js, Express.js, and MongoDB, with experience in designing REST APIs.

- Proficient in integrating third-party APIs, Firebase services, WebSockets, and real-time data synchronization.

- Experience with video streaming, RTSP, M3U8, BLE communication, and IoT projects using ESP32 and Arduino.

- Active open-source contributor with multiple published packages and Medium articles explaining technical concepts.

SKILLS

- **Proficient**: Flutter, BLOC, Node.js, Firebase, MongoDB, Express.js, Arduino, Embedded Systems, Git, Socket.io, Swagger,Web Development

- **Comfortable**: Redis, C, Python, FastAPI, Docker ,GraphQL, React ,

EXPERIENCE

- **JIVROM Technologies Pvt. Ltd.**   Ernakulam, Kerala
  Flutter Developer   *Apr 2022 - Present*
  - **IIA**: Built an Ionic Angular-based application with Node.js, PHP, Firebase Push Notifications, JWT authentication, and Redis. Google Play
  - **Haptask**: Developed a Flutter productivity app with Firebase backend. Website
  - **CricOfficials**: Created a Flutter-based cricket umpiring application. Google Play
  - **Actfit Arena**: Implemented a live badminton streaming platform using Flutter, Node.js, RTSP, MJPEG, and IoT technologies. Live Link
  - **Tech Stack**: Flutter, Node.js, MongoDB, Firebase, Redis, RTSP, MJPEG, IoT

PROJECTS

- **MJPEG Streaming Package**: Developed and published an MJPEG streaming package for Flutter. Pub.dev and demo

- **Flutter Streaming Video Player**: Supports RTSP and M3U8 formats. LinkedIn
- **Photo Editor App**: A powerful Flutter-based image editing app. GitHub
- **QR Code Scanner**: Flutter web-based QR scanner. GitHub
- **Face Detection**: A web app that detects and identifies faces in images or videos. Demo
- **AR Video Player**: Flutter Web AR Video Player integrates AR with interactive video playback. Video
- **Netflix Clone**: A Netflix-inspired web app. Demo
- **Matrimony App**: A feature-rich matrimony application. GitHub
- **Social Media App**: A web-based social media platform. Demo
- **Voice Assistant App**: An AI-powered voice assistant. Demo
- **Spotify Clone**: A Flutter-based music streaming app. LinkedIn

- **Cloud PC Linux**: A cloud-based Linux desktop. LinkedIn
- **Zomato Clone**: A Flutter-based food delivery app. GitHub
- **Grow Tracker**: An advanced expense tracking app with features such as expense graphs, data storage using ObjectBox, and data synchronization across devices. GitHub
- **Swiggy Clone**: A Swiggy-inspired food delivery app. GitHub
- **Terminal-Style GUI**: Built using HTML and Tailwind CSS with support for basic commands. Demo
- **Zarax-Studio CLI**: A Node.js-based video downloader. Medium
- **Hand Gesture Controlled LEDs**: Arduino and Python-based LED control using gestures. LinkedIn
- **Virtual Keyboard**: Hand gesture-controlled virtual keyboard. LinkedIn
- **Custom API Documentation Generator**: Automated API documentation generation tool.
- **Advanced Flip Book Generation**: API for generating flip books. LinkedIn
- **Bluetooth Heart Rate Monitor**: Flutter BLE-based heart rate monitoring. LinkedIn
- **Website Scraper**: A Node.js-based web scraping tool. LinkedIn

Tools

- **Tools**: macOS, VS Code, Xcode, Android Studio, Arduino IDE, Kali Linux

Education

- **GHSS Purathur**   Kerala, India
  Higher Secondary   *Completed*