

# Darshan Soni

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## SUMMARY

Full Stack Developer (Flutter + Node.js) with 3 years of hands-on experience building scalable IoT, BLE, and real-time systems. Proven ability to lead small teams, architect production-grade applications, and deliver complex systems involving live communication, video streaming, and dynamic dashboards. Skilled at bridging hardware-software integration, optimizing performance, and ensuring seamless UX across platforms.

## TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Dart

Frontend: Flutter, React.js, Angular

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

IoT & Real-Time: MQTT, WebSockets, BLE, AWS Kinesis, Socket.io

Tools & DevOps: Git, Postman, Firebase, AWS

Concepts: REST APIs, Dynamic UI Architecture, Realtime Communication, Live Tracking

## EXPERIENCE

Software Developer | Jenex Technovation Pvt. Ltd.

Ahmedabad, India | July 2022 - Present

- Trained two junior developers, mentored them in full-stack and Flutter architecture.
- TMG Dashboard (IoT Mobile Application): Built Flutter-based dashboard integrating Socket.io and MQTT for real-time data, live tracking, and geofencing.
- TMG BT (BLE-based Mobile App): Developed BLE IoT app for boats with emergency offline mode.
- AWS Kinesis Streaming: Integrated AWS Kinesis Video Streams for live IoT feeds.
- Dynamic NMEA Dashboard: Built dynamic visualization for marine PGNs (fuel,

gas, metrics).

- Code Optimization: Refactored firmware communication to support 20+ sensors.
- Led backend optimization and deployment workflows.

## PROJECTS

1. Boat Tracking System: Real-time GPS + BLE tracking, geofencing alerts.
2. BLE Communication App: Command execution + telemetry over BLE.
3. Video Streaming Platform: Low-latency streaming via AWS Kinesis.

## EDUCATION

Bachelor of Engineering (B.E)

SAL College of Engineering, Ahmedabad (2019 - 2022)

## ADDITIONAL HIGHLIGHTS

- Published 5+ apps on Play Store & App Store.
- Led Flutter + IoT training sessions.
- Strong in rapid prototyping and production delivery.
- Passionate about IoT, scalable APIs, and real-time systems.