Dear Job Aspirant,

We wish to connect with you for below position of **Sr Software Engineer (Flutter)**

- Designation: **Sr Software Engineer**
- Qualification: Bachelor's degree in computer science, IT, E&TC, Mechanical or equivalent.
- Location: Pune
- Experience: 3 – 5 years

Company Profile :

Founded in 1999, Softdel (a UNIDEL company) connects devices, enterprises, and people. Our distinctiveness lies in simplifying enterprise connectedness in smart buildings and smart factories creating unprecedented benefits for our customers and their eco-systems. Headquartered in Stamford, CT, USA, with offices in Japan, and India, we deliver domain expertise and technology-driven solutions to help companies turn digital challenges into opportunities. Our two-decade-long product engineering experience of serving global leaders in the automation & controls industry has catapulted Softdel to an enviable position in the Industrial and Buildings IoT value chain.

For more information, visit www.softdel.com. Follow on LinkedIn and Twitter.

JOB Description:

Overview:

We are looking for a highly skilled Senior Software Engineer (Flutter) to design, develop, and maintain cross-platform mobile applications for Android and iOS. The candidate will work independently across the full development lifecycle—from requirement analysis and technical design to implementation, testing, deployment, and support. The role involves deep integration with **BLE-based devices**, secure data communication, and cloud/API services.

Key Responsibilities:

Mobile Application Development

- Design and develop high-quality, scalable, and responsive mobile applications using **Flutter** and **Dart**.
- Build reusable UI components and maintain consistent UX across Android and iOS.
- Ensure high performance, reliability, and responsiveness of applications.
- Experienced in implementing secure development methodologies, ensuring robust protection of sensitive data and systems integrity

BLE & Device Integration (Mandatory)

- Integrate and communicate with **BLE-based devices**.
- Implement BLE protocols for device discovery, pairing, authentication, and data exchange.
- Handle real-time data streaming and state management from hardware devices.

API & Messaging Integration

- Integrate RESTful APIs and WebSockets for backend communication.
- Implement **MQTT** for real-time messaging and telemetry use cases.
- Manage ofline/online synchronization and background services.

Security & Best Practices

- Implement **secure coding practices** and follow OWASP mobile security guidelines.
- Ensure **encryption of data in transit** (TLS, secure channels).
- Secure storage of sensitive data using platform-specific mechanisms.

Testing & Quality Assurance

- Write comprehensive **unit tests and widget tests** using Flutter testing frameworks.
- Perform integration testing and support automated CI pipelines.
- Conduct code reviews and ensure adherence to coding standards.

Deployment & Release

- Manage build and release cycles for **Google Play Store** and **Apple App Store**.
- Handle app signing, certificates, provisioning profiles, and store compliance.
- Monitor production issues and manage hotfix releases.

Documentation & Process

- Create and maintain **detailed requirement specifications and design documents**.
- Participate in sprint planning, estimation, and retrospectives.
- Maintain technical documentation in **Confluence**.

Required Technical Skills

Core

- Flutter, Dart
- Android & iOS mobile app lifecycle
- BLE protocol and device integration (mandatory)
- REST APIs, WebSocket
- MQTT
- Secure coding practices
- Encryption (TLS/SSL)

Testing & Tools

- Flutter test framework
- Mockito / integration_test
- Git (version control)
- JIRA, Confluence
- CI/CD tools (GitHub Actions, Bitrise, Codemagic – good to have)

Architecture & Design

- MVVM / Clean Architecture / BLoC / Provider / Riverpod
- Responsive UI design
- State management patterns
- Dependency injection

Soft Skills

- Strong written and verbal communication skills.
- Ability to work **independently** with minimal supervision.
- Excellent analytical and problem-solving abilities.
- Experience in interacting with cross-functional teams (hardware, backend, QA, product).

Good to Have

- Experience with IoT platforms and device telemetry.
- Knowledge of Firebase, AWS Amplify, or Azure Mobile Services.
- Exposure to ISO 27001 / secure SDLC practices.
- Experience with background services and push notifications.

Regards,
HR Team – Softdel Systems
Email: - careers@softdel.com
Website: - www.softdel.com