

# SWARAJ ALLAM

Mobile Application Developer

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## SUMMARY

Experienced **Mobile Application Developer with 4.5 years** and of expertise in designing, developing, and maintaining high-performance mobile applications for diverse domains such as Smart clinic, Supply Chain Management, Fundus Camera, FMS. Proficient in **Dart (Flutter) and Swift**, with expertise in UI/UX design, API integration, and performance optimization. Led R and D efforts to refine development practices. Skilled in creating high-quality, mobile solutions. Proven track record of successfully launching and updating multiple applications on the Play Store and The App Store. Skilled in troubleshooting, debugging. Passionate about driving innovation and seeking opportunities to contribute to organizational success.

## SKILLS

**Languages:** Dart, Swift

**Frameworks:** Flutter

**State Management:** Provider, GetX

**Architectural Patterns:** MVC, MVP, MVVM.

**Tools:** Android Studio, Xcode, Postman, Navicat, Jira.

**Others:** Firebase, REST API and other third party libraries.

## EXPERIENCE

2021.09–Present **SENIOR SOFTWARE ENGINEER at Devsys Embedded Technologies Pvt Ltd (Bangalore)**  
Led the development of multiple Mobile applications, taking ownership of major features..

2019.11–2021.08 **SOFTWARE ENGINEER at Briskon Technologies (Bangalore)**  
Led the development of critical app features, ensuring timely and high-quality deliverables..

## EDUCATION

2015 - 2019 **Bachelor of engineering** Reva University, Bangalore  
Course : Computer Science

## PROJECTS

### Smart Virtual Clinic

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 4
- Technologies : Flutter SDK, Dart, RESTful APIs, Firebase Push Notifications, SQLite, Shared Preferences, Android Studio, Xcode
- Client : Bruhat Bengaluru Mahanagara Palike (BBMP) Bengaluru,
- Responsibility : Application involves design, developing, testing and maintaining all the features of Smart Virtual Clinic. Smart Virtual Clinic Application (SVC Application) is a software built for the Bengaluru Smart City Limited (BenSCL) for operationalizing the Smart Virtual Clinics (SVC) at various Primary Healthcare Centres (PHC) of BBMP in Bengaluru City. SVC Application is meant to serve as a common platform where scheduled Virtual Consultations can be carried out conveniently making it more user-friendly and facilitating an enhanced virtual consult experience. The system shall provide a very intuitive and simple interface to the users and the administrator, so that the user can easily navigate through the application for signing up, profiling, booking appointments, virtual consultation, patient medical records management, etc.
- Appstore Link : <https://apps.apple.com/in/app/smart-virtual-clinic>
- Playstore Link : <https://play.google.com/store/apps/details?id=com.iiits.virtualclinic>

## **TNT (Track and Trace) part of Supply Chain Management**

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 3
- Tools/Framework : Flutter SDK, Dart, Barcode Scanner, RESTful APIs, Firebase Push Notifications, SQLite, Shared Preferences, Android Studio, Xcode
- Client : Rajasthan Excise Department
- Responsibility : Initiated and developed using flutter, collaborating closely with the Business Analysis team to translate requirements into a comprehensive project plan. Architected the project from inception, establishing a scalable and easily maintainable architecture for seamless future enhancements. Led the creation and implementation of the project architecture, ensuring adherence to coding standards and fostering cross-functional collaboration for integration. Proactively addressed challenges, optimizing processes and contributing to [quantifiable achievements or improvements], enhancing overall project success. Designed a flexible and modular architecture to facilitate efficient maintenance and quick adaptation to evolving business needs for future enhancements.

## **FMS AMI**

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 2
- Tools/Framework : Flutter SDK, Dart, RESTful APIs, SQLite, Shared Preferences, Android Studio, Xcode
- Client : Ajmer Electricity Board
- Responsibility : The Advanced Metering Infrastructure (AMI) systems enables device collaboration across the energy meters based on accurate, real-time information, anytime, anywhere, to provide energy data in secured and faster. to cater core and specific requirements of power supply utility by carefully analysing the deeper business and power supply challenges and correspondingly preserved the ongoing and next generation industry standards. AMI is comprised of various hybrid hardware and software components, all of which play a role in measuring energy consumption and transmitting information about energy usage to utility companies and customers. AMI technology is powered to automatically collect energy consumption, status and diagnostics data from energy meter devices through novel hybrid hardware meter as well from old energy meters with no human interaction, it will increase the power supply quality to end customers.
- Appstore Link : <https://apps.apple.com/in/app/fms-ami>
- Playstore Link : [https://play.google.com/store/apps/details?id=com.iiits.avvnl\\_fms](https://play.google.com/store/apps/details?id=com.iiits.avvnl_fms)

## **MePDCL - Meghalaya Power Distribution Corporation Limited**

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 3
- Tools/Framework : Flutter SDK, Dart, RESTful APIs, Payment Gateway Integration, Shared Preferences, Android Studio, Xcode
- Client : Meghalaya Electricity Board
- Responsibility : This Application allows the consumers to access the current bills and can make payment towards the current bill. The Consumer can raise a query in the application regarding various issue like meter burn, wrong calculations, etc. The payment gateway integration part was developed by me in this application development.

## **i-Vaidya Interface (Fundus Camera)**

- Role: New Implementation and Modification (Developer)
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 1
- Tools/Framework : Swift, Xcode, Remidio device SDK integrations, RESTful APIs, Shared Preferences
- Client : Bruhat Bengaluru Mahanagara Palike (BBMP) Bengaluru
- Responsibility : Application involves design, developing, testing and maintain all the feature of i-Vaidya Interface. i-Vaidya Interface Application is a software that is intended for capturing the clear image of eye retina through iphone camera using hardware device(FOP).The hardware device was connected to iphone by using bluetooth and integrated SDK(Remidio) in the project which is required to connect and capture the eye retina images using iphone. Which enables the user to view, save, edit and retrieve captured images.
- Link : <https://apps.apple.com/in/app/i-voidya-interface>

### **Human Resource Management System (HRMS)**

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 4
- Tools/Framework : Swift, Xcode, RESTful APIs, Shared Preferences
- Client : CESCO
- Responsibility : HRMS Mobile application is developed in swift, in this app user can manage their Attendance, leaves and advance request information. Asking for approval and checking approved status will be on your handheld easily. Communication will be quite fast using simple touch for your information and manage it.
- Link : <https://apps.apple.com/in/app/chrms>

### **Distribution Transformer Lifecycle Management Software(HRMS)**

- Role: New Implementation and Modification
- Organization : Devsys Embedded Technologies pvt ltd
- Team Size : 4
- Tools/Framework : Swift, Xcode, RESTful APIs, Shared Preferences
- Client : CESCO
- Responsibility : Application involves design, developing, testing and maintain all the feature of In order to alleviate the hardship of the field and accounts officers in maintaining proper records of the distribution transformers, its periodical maintenance, tracking the events that a transformer has undergone from the date of commission till the date of scrapping the same, exercising control over distribution transformers sent for repairs and its return etc. DTLMS software is developed.
- Link : <https://apps.apple.com/in/app/dtlms-cesc>

### **LANGUAGES**

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**English , Hindi , Kannada , Telugu**