# Sivanandham R

LEAD ENGINEER

## Profile

With over **8 years** of experience in the field of **application development**, I have demonstrated a strong leadership and software development. My expertise encompasses a wide range of proficiency in both technical including cross-platform frameworks like Flutter and React Native, as well as native Android technologies, development. My adaptability and ability to excel environments have been key drivers of my professional in diverse journey.

## Employment History

### Lead Engineer, ElasticRun, Bengaluru

APRIL 2022 — PRESENT

- **Roles and Responsibilities**: Orchestrated project management and team leadership. Proficient in requirements gathering, software architecture, front-end development, app publishing, and distribution strategies.
- **Projects:**
  - ElasticRun - Flutter,
  - ElasticRun Sales - Flutter.

### Software Engineer, ElasticRun, Bengaluru

JULY 2018 — APRIL 2022

- **Roles and Responsibilities**:Played a pivotal role in software architecting, front-end coding, back-end API integration, testing, app publishing, and distribution.
- **Projects:**
  - Himerunner & Mobile Kirana - React Native,
  - Velocity Duos- React Native,
  - Velocity - Android,
  - Driver App - Android.

### Software Developer, Eoxys, Bengaluru

JULY 2015 — JUNE 2018

- **Roles and Responsibilities:** Led front-end coding, back-end integration, API development, and managed the publishing and distribution processes.
- **Projects:**
  - Sensor Watch - Android.
  - Music Player - Android.
  - Patient App - Android,

## Address

BTM 2nd stage, Bengaluru, 560076, India
+91 7871474161
regunathsiva@gmail.com

### DATE OF BIRTH

20-05-1993

## Links

Linkedin

## Skills

Leadership

Android

Flutter

React Native

Github

Jira

Figma

# Projects

**1.  ElasticRun - Flutter**                                                **Jan 2022 - Dec-2023**

**Description:** Designed and developed an e-commerce mobile application, inspired by industry leaders like Bigbasket and Grofers. Tailored exclusively for shop owners, the app simplifies the process of ordering kirana items. Key highlights include wishlist functionality, an intuitive cart with attractive promotions, high-margin opportunities, versatile unit measurement (UOM) support, a secure payment gateway, and robust offline capabilities.

**Components/Libraries:** Utilized BLOC, SQFlite, Dio, localization, Google Maps, WebView, and Sentry.

**Roles and Responsibilities:** Orchestrated project management and team leadership. Proficient in requirements gathering, software architecture, front-end development, back-end API integration, comprehensive testing, code reviews, app publishing, and distribution strategies.

**Source:** https://play.google.com/store/apps/details?id=run.er.ecom&hl=en-IN

**2.  ElasticRun Sales - Flutter**                                          **Aug 2022 - Dec-2023**

**Description:** Developed an e-commerce mobile application tailored for salespersons responsible for collecting orders from shop owners, with next-day deliveries. The app simplifies the process of ordering kirana items, offering essential features such as wishlist functionality, an intuitive cart with appealing promotions, high-margin opportunities, flexible unit measurement (UOM) support, a secure payment gateway, and robust offline functionality.

**Components/Libraries:** Leveraged BLOC, SQFlite, Dio, localization, Google Maps, WebView, and Sentry to create a feature-rich app.

**Roles and Responsibilities:** Directed project management and team leadership. Proficiently handled requirements gathering, software architecture, front-end development, back-end API integration, thorough testing, code reviews, app publishing, and distribution strategies.

**Source:**  https://play.google.com/store/apps/details?id=run.er.ecom.assist.internal&hl=en-IN

**3.  Homerunners - React Native**                                          **Mar 2021 - Feb 2022**

**Description:** Update version of Mobile Kirana Project with new UI design

**Components/Libraries:** Utilized REALM Db, Redux, File manager, Scanner, Chat, Location manager, Google Sign-In, PDF creation, multitasking capabilities, JSON, and Chart components in the application.

**Roles and Responsibilities:** Software Architecting, Front-end coding, Back-end integration, API, Testing, Publishing, and Distribution

**4.  Mobile Kirana - React Native**                                        **Jun 2020 - Mar 2021**

**Description:** Developed an e-commerce application, similar in functionality to Amazon and Flipkart, focused on facilitating the ordering of Kirana items at prices below the Maximum Retail Price (MRP). The platform enables resellers to efficiently serve multiple customers by providing competitive pricing and earning a reasonable margin on each transaction. The application is accessible through both web and mobile devices.

**Components:** Utilized Realm Database, Redux, OTP login, Chart, and POD for the app's development.

**Roles and Responsibilities:** Played a pivotal role in software architecting, front-end coding, back-end API integration, testing, app publishing, and distribution.

**Source:** The application is exclusively available to authorized users.

5.  **Velocity Duos- React Native**                                     Oct 2019 - Jun 2020

**Description:** Developed an application customized for the trucking industry, addressing the needs of diverse roles such as business development, vendor management, ground operations, and managerial functions.

**Components:** Utilized REALM Db, Redux, File manager, Scanner, Chat, Location manager, Google Sign-In, PDF creation, multitasking capabilities, JSON, and Chart components in the application.

**Roles and Responsibilities:** Led software architecture, front-end coding, back-end integration, API development, comprehensive testing, and managed the process of app publishing and distribution.

6.  **Velocity - Android**                                              Jul 2018 - Oct 2019

**Description:** Developed an application customized for the trucking industry, addressing the needs of diverse roles such as business development, vendor management, ground operations, and managerial functions.

**Components:** Utilized REALM Db, Redux, File manager, Scanner, Chat, Location manager, Google Sign-In, PDF creation, multitasking capabilities, JSON, and Chart components in the application.

**Roles and Responsibilities:** Led software architecture, front-end coding, back-end integration, API development, comprehensive testing, and managed the process of app publishing and distribution.

**Play Store**: https://play.google.com/store/apps/details?id=truck.elastic.run.sancharun.field

7.  **Driver App - Android**                                            May 2018 - Jun 2018

**Description:** Developed a tracking application for drivers, enabling real-time location data retrieval during trips while in transit using the worker manager component.

**Components:** Utilized a live database with MySQL, Worker Manager, File Manager, Location Manager, JSON, GSON, Retrofit, PDF creation, multitasking capabilities, and Content Providers in the application.

**Roles and Responsibilities:** Led front-end coding, back-end integration, API development, and managed the app's publishing and distribution processes.

8.  **Sensor Watch - Android**                                          Apr 2017 - May 2018

**Description:** Smartwatch with 11 sensors (Accelerometer, temperature, humidity, magneto, gyro, etc.,) Reading the sensor data via BLE and Processing all sensors data and send to Server

**Components:** Utilized File Manager, BLE, HTTP Client, JSON, GSON, multi-tasking capabilities, and Content Providers for the application's development.

**Roles and Responsibilities:** Led front-end coding, back-end integration, API development, and managed the publishing and distribution processes.

**9. Music Player - Android**                                              **Jun 2016 - Apr 2017**

**Description:** Designed and developed a comprehensive local music player app, offering a wide array of features, including a ringtone cutter, scheduled play, lyrics search, sleep timer, folder and song filters, karaoke recorder, Dubsmash integration, and more. Emphasizing local music playback, not reliant on online streaming.

**Components:** Leveraged File Manager, JSON, GSON, multitasking capabilities, Content Providers, the Media Framework, Dubsmash, Video Recording and Editing, Audio Recording, and an Equalizer.

**Roles and Responsibilities:** Led software architecture, front-end coding, rigorous testing, and managed the processes of publishing and distribution.

**Play Store:** https://play.google.com/store/apps/details?id=com.eoxys.aikamusiq

**10. Patient App - Android**                                              **Jun 2015 - Jun 2016**

**Description:** The Android Patient App is engineered to collect sensor data from embedded devices via Bluetooth Low Energy (BLE), process the data, and store it both locally and on a server using JSON/HTTPS protocols.

**Components:** Utilized File Manager, BLE, HTTP Client, JSON, GSON, multi-tasking capabilities, and Content Providers for the application's development.

**Roles and Responsibilities:** Led front-end coding, back-end integration, API development, and managed the publishing and distribution processes.

**Play Store:** The client application is exclusively accessible to authorized users on the Play Store.

## Education

**Bachelor of Engineering: Electronics and Communication, Dr.Navalar Nedunchezhiyan College of Engineering, Tiruchirappalli**

JULY 2010 — APRIL 2014

Earned a Bachelor of Engineering in Electronics and Communications with 1st Class honors, signifying exceptional achievement and proficiency in the field.