

TAMIL KANNAN VENKATACHALAM

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Skills

Flutter | Dart | Kotlin | Android | Git | Python | Java | Data Structures | AWS | Firebase | Figma | REST APIs | Mobile App Development

Work Experience

- Ventura Securities Limited, Mumbai | FLUTTER INTERN** Aug'23 – Feb'24
 - Worked in developing **Ventura 2.0** website and mobile app.
 - Developed app's analytics code using **Web Engauge** and **Firebase analytics** and increased analytics with precise data over **60%**.
- ZED Digital, Coimbatore | FLUTTER DEVELOPER** Mar'23 – Jul'23
 - Developed Realtime vehicle monitoring app using **GPS**, **REST API**, **Google Maps**.
 - Improved app's stability and speed by **80%** using **Isolates (Flutter's thread type)**.
- SKAWR, Torrance | FLUTTER DEVELOPER** May'22 – Aug'23
 - Developed **Marketplace app** for Saudi customers.
 - Improved app usability by using **Google cloud functions** and created **Chat** functionality of app.
- Flutter Facilitator, Coimbatore | FLUTTER** Nov'21 – Apr'22
 - Assisted **100+** students in learning **Flutter** and **Dart**.
 - Took many seminars in **YouTube** and selected as one of the top contributors in Flutter by **Google Devs India** for contributing to **Dev Library**.

Education

- Sri Krishna College of Technology, Tamil Nadu** 2020 - 2024
 - Bachelor of Engineering (B.E) in Computer Science and Engineering | CGPA: **8.1/10**
- Sri Venkateshwara Vidhyalaya Higher Secondary School, Tamil Nadu** 2019 – 2020
 - Higher Secondary Certificate (HSC) | Percentile: **85.67%**
- Sri Venkateshwara Vidhyalaya Matriculation School, Tamil Nadu** 2017 – 2018
 - Secondary School Leaving Certificate (HSLC) | Percentile: **97.2%**

Projects

- NFC Card | FLUTTER**
 - Getting data of EMV Credit/Debit cards via NFC has never been easy with Flutter before, but this app lets you decode those data with ease. [▶ Live Demo](#)
 - Used modified **nfc_manager** package to detect and decode NFC data.
 - Designed as an inspiration from **CRED** mobile app.
- Tuber | FLUTTER**
 - Uses **REST API** to scrap **YouTube**, **Instagram**, and **Twitter** data. [▶ Live Demo](#)
 - Those APIs are backed by **Lambda** functions written in **Python**.
 - More than **10,000+** users downloaded and **3,000+** Monthly Active Users recorded.
- Quick Response | FLUTTER**
 - Simple and feature rich QR and Barcode scanner app. [▶ Live Demo](#)
 - Scans Barcode and if that is a product code, it can find its name and picture.
 - More than **1000+** downloads have been recorded in Google Play Store.
- WA Assist - Sticker Maker | FLUTTER**
 - A WhatsApp assistance tool with various cool features to enhance WhatsApp usage. [▶ Live Demo](#)
 - Features similar to **Instagram** for creating story is available for WhatsApp.
 - Able to create stickers for WhatsApp simply by taking picture and many more.,
- Consolidate | FLUTTER**
 - Can easily find rank and subject total of students. [▶ Live Demo](#)
 - Featured graph for better understanding.
 - Final report for convenience.
- dwarfUrl | FLUTTER**
 - Shorten any long URL. [▶ Live Demo](#)
 - Avoids the problem of link breaking when sharing.
- TimeTable | FLUTTER** [▶ Live Demo](#)

- TimeTable lets you schedule your daily tasks much faster.
- Can create and share your own timetables with your colleagues.
- Can also join the timetables created by your teachers and your colleagues.
- Also works PCs, since timetable also has a **web app** (mytimetableall.web.app).

Achievements

- Selected as one of the top 4 contributors in Flutter under Securities category by Google Devs India.
- Achieved 10k+ downloads for my app within a year of launch.
- Achieved 1k+ downloads in 3 of my apps and made them successful applications.