SAMUTHIRA T

samuthira89@gmail.com

ANDROID AND SDK DEVELOPER

ABOUT ME

A self-motivated and technically skilled **Android developer and SDK developer of 2 years of experience** with hands-on experience in independently designing, developing, and managing multiple applications. Proficient in OOP concepts, technically adept, and highly eager to learn new technologies. Open to working with diverse technologies to broaden expertise and contribute effectively.

EDUCATION

2019 - 2023 **BANNARI AMMAN INSTITUTE OF TECHNOLOGY**

Bachelor of Electrical and Electronics Engineering
C.G.P.A -8.96

2018 - 2019 **KURINJI MATRIC HIGHER SECONDARY SCHOOL**

HIGHER SECONDARY
Percentage-75%

2016 - 2017 **KURINJI MATRIC HIGHER SECONDARY SCHOOL**

SENIOR SECONDARY
Percentage-95.8%

LINKS

- LinkedIn: https://www.linkedin.com/in/samuthira-thangaraj-9596a21b2
- Portfolio: https://samuthirathangaraj.netlify.app

AREA OF INTREST

- App Development
- JAVA
- Kotlin

SKILLS

- JAVA
- HTML
- Kotlin
- OOPS
- C

TOOLS AND TECHNOLOGIES

1. Git
2. Bitbucket
3. Firebase
4. Android Studio
5. Postman
6. Playstore upload
6. Visual Studio
7. Datadog
6. Payment Integration

CERTIFICATIONS

- C Programming
- Android App Developer Course

WORK EXPERIENCE (2 YEARS)

ZED DIGITAL | FULL TIME | ANDROID APP DEVELOPER

MAY 2023 – PRESENT

- Enhanced User Experience: Worked on trip planning and ticket validation, using **Retrofit for API calls and RoomDB** for offline storage, ensuring the code is maintainable with **SOLID principles** and various architecture patterns like **MVVM, MVP, and MVC**.
- Persistent Storage and Monitoring: Used **SharedPreferences** for saving data persistently and integrated Datadog and **Firebase** to monitor app performance and user activity in real-time.
- **SDK Development and Play Store Deployment**: Developed SDKs using Kotlin and XML, and handled the process of uploading apps to the Play Store efficiently.
- Map and Navigation Integration: Added advanced map features by integrating **OpenStreetMap and Google Maps** for better navigation and location-based services.
- Advanced Android Development: Utilized **Jetpack libraries** for efficient app development, implemented Dagger Hilt for dependency injection, and managed secure payment processing using platforms like **Stripe and Razorpay ,Cash app, Gpay , Paypal** , while extending app features with third-party libraries.
- **Ticket Validation Using Bluetooth** Functionality.

PERSONAL STRENGTH

- **Active and Interactive**
- **Management skill**
- **Interpersonal skills**
- **Problem Solving**

PERSONAL PROJECT

COLOR CODE APP

- Developed specifically for developers to easily access **color codes for app and web development**.
- Color Picker: Enables users to extract color codes from images.
- Color Palettes: Provides a variety of preset color palettes for easy selection.
- Built using the MVVM architecture and SOLID principles, ensuring clean code separation and easier maintenance.
- Integrated **RoomDB for offline** functionality, allowing users to access and copy color codes without an internet connection.
- Efficiently designed for quick color selection and code copying to streamline the development process.
- Experienced with **REST, JSON, third-party libraries, and Jetpack libraries.**

EXTRA-CURRICULAR ACTIVITIES

- **Member of NSS**
- **Gardening**
- **Member of Geo Club**
- **Badminton Player**

EMAIL

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NUMBER

9361336328