

Sakthi R

Android Developer - Chennai, Tamil Nadu
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Android Developer with strong hands-on experience gained throughout my college years, focused on building modern, high-quality mobile applications using Kotlin, Java and Jetpack Compose/XML. Proficient in designing clean UI. Demonstrated ability to develop production-ready apps with smooth performance and intuitive user experience.

PROFESSIONAL EXPERIENCE

Backend Developer Intern,
REST API Developer

Chennai, TN
October 2024–February 2025

- Developed RESTful APIs for a mobile e-commerce application using FastAPI with PostgreSQL.
- Implemented OAuth authentication to securely manage user login and access control across devices.
- Integrated payment gateway APIs (Cashfree) to enable secure and smooth checkout and transaction processing.
- Implemented web sockets for live chat and more.
- Designed and managed relational database schemas.
- Ensured high performance and scalability by optimizing queries and applying clean architectural patterns.
- Collaborated with the Flutter team to integrate backend services with frontend, ensuring seamless functionality and user experience.
- Deployment of backend services on AWS EC2 and AWS S3, ensuring uptime and reliability.

EDUCATION

Sir Theagaraya College - Shift II,
University Of Madras,
B.sc Computer Science

Chennai, TN
2022-2025

SKILLS

- **Frontend:** Android, Kotlin, Java, Jetpack Compose, XML
- **Backend:** Rust (Actix Web), Python (FastAPI), OAuth, PostgreSQL, Mongo DB, Room DB
- **Tools:** Android Studio, Git, GitHub, AWS EC2, Firebase, Play Store Deployment

OTHER SKILLS

Coroutines, Figma, Git, GitHub, Cloud Deployment, Firebase, Play Store Deployment, GitHub Actions, Docker, Postman, Unit Testing (Android), API Testing, Swagger, ML Kit, OAuth, JWT, REST API Design

PROJECTS

Habit Tracker (Soon on Play Store)

Android, Kotlin, Jetpack Compose

- Built a feature-rich Habit Tracker app using Jetpack Compose, enabling users to create, edit, and monitor daily, weekly, and monthly habits with a clean and responsive UI.
- Integrated Room Database and Kotlin Coroutines for efficient real-time data persistence and state-driven UI updates.
- Implemented daily notifications using WorkManager and custom scheduling logic, allowing users to receive reminders based on personalized frequency and time.

PDF Scanner App (Live on Play Store),

Android, Kotlin, Jetpack Compose, Google Machine Learning Kit

- Built an Android app to scan documents via camera or gallery and generate PDFs.
- Implemented Google ML Kit for image processing and Jetpack Compose for a modern UI.

ACHIEVEMENTS

- Published Research Paper: "**Natural Language Processing**: Trends and Challenges", co-authored with Sumathy S, published in the Indian Journal of Natural Sciences (IJONS), Volume 15, Issue 86, October 2024. ISSN: 0976 – 0997.
- **Best Student** in the Department of Computer Science, Sir Theagaraya College - Shift II, 2025

PROFILES

Linked In : <https://www.linkedin.com/in/sakthi-developer/>

GitHub: <https://github.com/Sakthi-Developer>

WebSite: <https://sakthi-developer.github.io/>