

# 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

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### 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

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- 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

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