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WORK EXPERIENCE

Finfresh Wealth Creation (IITM Incubated) — Flutter Developer Intern Feb 2026 – Present

Owned development of 2 fintech apps, driving performance optimization, and scalable architecture with measurable impact across payments, onboarding, and release pipelines.

- **Integrated 10+ data-intensive API endpoints** and implemented **caching & virtualization strategies**, reducing latency by **30–40%** and significantly improving responsiveness.
- **Built CI/CD pipelines using Fastlane & GitHub Actions**, reducing release cycles by **50%+** and enabling faster, reliable store deployments.
- **Migrated payment gateway from PayU to PhonePe Checkout SDK** and implemented **secure fintech transaction flows** (gold/silver, mutual funds, SIPs), eliminating payment friction and improving success rates.
- **Revamped onboarding flow and KYC**, integrating multiple third-party verification APIs and designing a **streamlined, user-centric UI**, improving completion rates by **15–20%**.
- **Optimized app performance and footprint**, reducing app size by **20MB**, achieving **consistent 60FPS+ rendering**, and eliminating frame drops for a smooth, jitter-free experience.
- **Resolved 45+ bugs and shipped 10+ features**, revamped legacy UI, and collaborated cross-functionally to enhance stability, usability, and overall product quality.

PROJECT WORKS

Unfilter - On-Device Android App Insights — Google Play Store | GitHub Dec 2025 - Jan 2026

Built **offline-first Flutter application** revealing internal app frameworks, native dependencies, and real-time usage insights.

- **Utilized** platform-channels to extract package datasets and compare against **local registry**, achieving **90% accuracy**.
- **Shipped** a utility suite featuring task monitor, deep-link tester & more with **100+** installs across GitHub and Play Store.
- **Implemented** premium UI with custom transition wrappers and optimized rendering, maintaining a **constant 60FPS+**.
- **Engineered** a 9MB app using **Clean Architecture** and **Riverpod**, automating store deployments via **Fastlane CI/CD**.

MRCAS Cafe Application — Google Play Store June 2025 - July 2025

Architected scalable cross-platform college cafe ordering system, enabling online orders & secure payments for students.

- **Integrated** secure authentication and payment pipeline with **Google OAuth** and **Razorpay** for seamless transactions.
- **Elevated** reliability by **65%** using serverless Firebase Cloud Functions with encrypted **API management** and **integrity**.
- **Slashed** UI defects by **40%** and enhanced frontend speed through **Provider state management** across components.
- **Launched** cross-platform **web and mobile applications** from a single **Flutter codebase**, ensuring **high feature parity**.

TECHNICAL SKILLS

Languages: C, C++, Dart, Java, JavaScript, SQL

Flutter & Mobile: Flutter, BLoC, Riverpod, Provider, Dio, Retrofit, Freezed, GoRouter, HiveDB, Sqlite3 & Drift, Fastlane

Other Frameworks & Libraries: React.js, Node.js, Express.js

Databases & Cloud: Firebase, Supabase, MongoDB, MySQL, Google Cloud, Azure

Developer Tools: Git, GitHub, Android Studio, Postman

EDUCATION

Bachelor of Engineering in Computer Science and Engineering Graduating May 2026

Rajalakshmi Engineering College, Chennai, Tamil Nadu

8.28 CGPA

ACHIEVEMENTS

- **OpenSource Contributions:** 7+ PRs merged to production projects like **Traccar** (200k+ users), **Zest** (8k+), and **Flow**.
- **Smart India Hackathon 2024 Grand Finalist:** Built a mining optimization platform, ranking **Top 5 out of 180+** teams.
- **SAP Hackfest 2024:** Developed a disaster management system, placing **Top 100 out of 2,500+** teams nationwide.
- **Finalist in Mint Hackathon 2024 (IIT Madras) & 2nd Runner-Up in Make-a-thon 2024**, claiming **Top 7** and **3rd place**.

LEADERSHIP EXPERIENCE

Vice President, Intellexa REC — Technical Club July 2024 – July 2025

Raised membership from **0 to 1850+**, organized **25+ events** including inter-college fest with **70+ avg** participants in **7 months**.