

Kumari Abhilasha

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Professional Summary

React Native Engineer with **1+ year** building production fintech applications for **ICICI Bank** and **Shriram Group**. Experienced in **TypeScript**-based mobile architectures, **secure authentication systems**, and **high-performance API-driven interfaces** from feature design to **release deployment**.

Experience

Software Development Engineer *Valuefy Solutions* *April 2025 – Current*

- Built **14+ production-grade React Native modules** (dashboards, portfolios, SIP/Lump Sum calculators, dynamic filters) for enterprise wealth-management apps serving **ICICI Bank** and **Shriram Group**.
- Integrated **22+ REST APIs** with structured **data mapping, normalization, and centralized error handling**, ensuring backend contract alignment and improved reliability.
- Increased application performance by **30%** by optimizing render cycles using **memoization** and efficient **Zustand state management**. Resolved **65+ UI and functional defects**, improving cross-platform stability.

Projects

Offline-First Expense Tracker (Personal Project) *June 2025 – Sept 2025*

- Built an **offline-first React Native application** using **TypeScript** and **SQLite**, enabling full expense tracking without internet through encrypted local persistence.
- Designed a **background sync mechanism** with conflict resolution (timestamp merge + server reconciliation) to maintain cross-device consistency.
- Implemented **biometric authentication**, optimized large datasets using **FlatList virtualization**, and tested builds on **Android Studio** for production readiness.

Multi-Tenant Fintech Application Simulation (Personal Project) *March 2025 – May 2025*

- Developed a **multi-tenant wealth management mobile app** using **React Native** with structured **REST API integration** and **role-based access control (RBAC)**.
- Managed **JWT authentication**, session handling, protected routing, and deep linking while validating flows across Android environments.
- Built analytics dashboards with **server-side pagination**, state isolation, and modular architecture; configured debug and release builds for deployment testing.

Technologies

Programming Languages: TypeScript, JavaScript (ES6+), Java

Mobile Development: React Native, React Navigation, Native Modules, Deep Linking, Push Notifications

State Management: Zustand, Redux Toolkit, Context API

Backend Integration: REST APIs, Axios, JWT Authentication, Node.js, Express

Databases & Storage: SQLite, AsyncStorage, Secure Storage, MongoDB, PostgreSQL

Testing & Tools: Jest, React Native Testing Library, Git, GitHub, Postman

CI/CD & Deployment: Release Build Configuration, OTA Updates (CodePush-style)

Education

Lovely Professional University

B.Tech in Computer Science, GPA: 7.64

Punjab, India

Sep 2022 - Present