

Shivananda Bharathi K

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EDUCATION

Alliance University

Bachelor of Technology in Computer Science and Engineering

Bengaluru, India

2021 – 2025

EXPERIENCE

Mobile Application Development Intern

Oct 2024 – March 2025

Anugraha Exceed Pvt Ltd

Bengaluru, KA

- Upgraded legacy mobile app with **offline functionality** using **SQLite** and optimized database performance.
- Designed a new **React-Native** app with clean UI, reusable **custom components**, and responsive layouts.
- Implemented **Realm-DB**, and offline-first state management using **Redux** to retain and sync data seamlessly.
- Integrated **Rest APIs** using Axios and ensured backward compatibility by matching server payload keywords for accurate report generation.
- Participated in **agile sprints**, debugging issues, and delivering production-ready iOS app in Xcode.

PROJECTS

LinkLeaf |

[\[Live\]](#)

- Architected LinkLeaf, a **link manager app** to store, organize useful & vital links at one place
- Utilized **Supabase (Auth + PostgreSQL)** for secure user authentication, row-level data access, and real-time operations.
- Built with React, TypeScript, Redux, Tailwind CSS, Shadcn, Supabase.

RE-Tool |

[\[Repo\]](#)

- Developed a Reverse engineering (RE) modular binary analysis toolkit in C++ with Qt, incorporating key features like hex viewing and string extraction.
- Implemented advanced analysis modules, such as entropy analysis, PE parsing, pattern search and binary signature identification.
- Tech Stack C++, Qt, Makefile.

GuardVault |

[\[Repo\]](#)

- Developed a secure React Native app for managing passwords locally with end-to-end AES-256 encryption & biometric login for security.
- Implemented sqlite for local storage, Redux persist for state management across app sessions.
- Built using React-Native, Expo, Typescript, SQLite, ensuring all credentials are stored on-device without cloud reliance.

See more Projects [Portfolio](#), [CodeFlux](#).

TECHNICAL SKILLS

Languages: C++, JavaScript, Typescript, Python.

Frameworks & Tools: React, React-Native, Tailwind, Node.js, Redux, MySQL, Realm Db, Git, Github, Gitlab, Expo-go, Firebase, Supabase, AWS, Linux, Xcode.

CERTIFICATES

- Developing Front-End Apps with react - IBM [\[Link\]](#)
- Introduction to Mobile Development - META [\[Link\]](#)
- Palo Alto Networks CyberSecurity - Palo Alto [\[Link\]](#)