Nantha kumar. J

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Play Store App: https://play.google.com/store/apps/details?id=com.astroai

Profile Summary

Motivated and detail-oriented React Native Developer with over 1 year of hands-on experience in designing, developing, and deploying mobile applications for Android platforms. Strong expertise in front-end development using React Native, React.js, and Firebase, with a passion for delivering high-quality, user-centric solutions. Adept at integrating APIs, implementing modern UI/UX practices, and solving complex problems. Eager to contribute to a dynamic development team and continue learning in a fast-paced environment.

Technical Skills

- Languages & Web Technologies: JavaScript, HTML, CSS, Java, SQL.
- Frameworks/Libraries: React Native, React.js, React Native Paper, Firebase SDK
- Databases: Firebase Realtime Database, Firestore
- Tools & APIs: Razorpay, Google Auth, Firebase Authentication, AsyncStorage, Push Notifications, Audio Chat, REST APIs
-BackEnd : MERN Stack (self learning)

Professional Experience

ActaVivo & DAAA Applications —App Innovation Technology — Coimbatore
 Jan 2025 – Jun 2025 (6 Months)

Astrology Application—Riyadvi Software Technology — Chennai
Nov2023 – Apr 2024 (6 Months)

Role: Front-End Developer
Environment: React Native, React.js, Firebase, JavaScript, Razorpay

- Astrology App

- Developed and maintained the AstroAI App, integrating a dynamic, multilingual front-end using React Native.
- Implemented Firebase Authentication (Google Auth) for secure user login and profile management.
- Integrated Razorpay for handling in-app payments and promocode logic.
- Integrated localization support to handle multilingual content across the app.
- Connected to Astrology APIs to fetch real-time horoscope and prediction data.

- ActaVivo (Social Networking) & DAAA (Senior Care) Application

- Led the implementation of an in-app Audio Chat feature using real-time Firebase data and audio streaming libraries.
- Created a clean and intuitive UI experience, tailored for elderly users and caregivers.
- Focused on cross-platform performance and accessibility.

- Developed and integrated: Auth API, Services Card API, Events API, Push Notification API.
- Ensured smooth UX through optimized component rendering and rigorous testing/debugging.

Internship Projects

React Native Developer Internship
Projects: Flipkart Clone (E-Commerce), Byju's Functionality App (EdTech UI), Swiggy UI App (Food Delivery)

- Built responsive UIs with React Native and React.js.
- Used Firebase Realtime Database for item/video CRUD operations.
- Integrated Firebase Auth for secure login/logout flows.
- Applied React Navigation for seamless screen transitions.
- Managed local storage using AsyncStorage for offline persistence.
- Applied core JavaScript (methods, objects, arrays) to add interactivity and logic.

Academic Projects

Final Year Major Project
A Verifiable & Fair Attribute-Based Re-Encryption Scheme for Secure Data Sharing
Tech Stack: Java, SQL, HTML, CSS, JavaScript

- Designed a proxy re-encryption system to support verifiability and fairness for cloud-based data sharing.
- Implemented secure logic to validate transformed ciphertexts and defend against server manipulation.

Education

- M.C.A - Master of Computer Applications, VELS University, Chennai – CGPA: 8.0 (2021–2023)
- B.Sc. Computer Science, Sri SSB Arts & Science College,Thoothukudi – CGPA: 7.49 (2018–2021)
- HSC (Class 12) – 44% (2017–2018), Sri RKC Higher Secondary School,Udangudi
- SSLC (Class 10) – 74% (2015–2016), Sri RKC Higher Secondary School,Udangudi

Personal Information

Date of Birth: 24 Jan 2001
Marital Status: Single
Languages Known: Tamil, English