

MONISANKAR NATH

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RELEVANT EXPERIENCE

Senior Software Engineer II, GeekyAnts | Bengaluru | Oct 2021 – Present

- Led end-to-end development of a React Native (Expo) fleet tracking app serving 50,000+ users, rendering 1,000+ live GPS devices at 60 FPS using C++ JSI-based clustering with zero crash rate.
- Led authentication and feature modules for a cross-platform monorepo (React Native, Next.js, React) serving 10+ restaurant brands under an \$11B enterprise, reducing auth-related issues by 40%.
- Core contributor to a Design System powering a 500M+ download super-app and 10+ companion apps — reduced pod size by 50% and UI bugs by 40%.
- Engineered a Figma-to-HTML plugin using AI-powered alt-text generation, achieving 95% accuracy in design-to-code conversion for production email templates.
- Architected and deployed an iOS In-App Purchase SDK using Swift and StoreKit2, maintaining 85%+ test coverage and automating delivery via Xcode Cloud CI/CD.

OPEN SOURCE CONTRIBUTIONS

Author and maintainer of [expo-video-cache \(npm\)](https://www.npmjs.com/package/expo-video-cache), enabling efficient video caching for Expo/React Native applications — 100+ weekly npm downloads, shipped to production.

SKILLS

Mobile (React Native, Expo, Swift), Web (React, Next.js), Backend (Node.js, NestJS, PostgreSQL), and Tools (Nx, Figma, Xcode Cloud, Azure Devops).

AWARDS

Tech Innovator Award – GeekyAnts, for geospatial map performance optimization.

Impact Contributor Award – GeekyAnts, for open-source expo-video-cache.

Other Work Experience

Software Engineer, Wipro | SQL/PLSQL, Oracle DBMS | 2020 - 2021

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering | 2020 | 8.33 CGPA