GOKULKRISHNA R

PRODUCT DEVELOPER - MOBILE APP & SDK

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ABOUT ME

A passionate developer with a strong background in building scalable applications and solving complex problems. I have led multiple workshops, mentoring over 350 students, and have a keen interest in innovation and technology. Eager to take on new challenges, I seek an opportunity to apply my skills effectively while making a meaningful contribution to the success of the organization.

EXPERIENCE

April `24 - Now
SurveySparrow

Product Developer

- **Worked on SurveySparrow's Mobile Apps:**
  - Upgraded the React Native version to the latest stable release.
  - Built and integrated iOS CI/CD pipelines using Codemagic.
  - Implemented Google Play Integrity API to bolster Android app security.
  - Integrated Google OAuth 2.0 authentication using Expo.
  - Delivered new features and fixed critical bugs to for stability and performance.
  - Contributed to backend development for app feature enhancements.
- **Owned and Maintained All Mobile SDKs:**
  - iOS SDKs: Developed and maintained SDKs using both SwiftUI and UIKit.
  - Android SDKs: Managed SDKs built with Kotlin Jetpack Compose and Java.
  - Cross-Platform SDKs: Ensured feature parity and consistency across Flutter, React Native, and Ionic SDKs.
- **Contributed to Strategic Customer Deals:**
  - Delivered time-sensitive features using React (frontend) and Hapi.js (backend) for high-priority clients.
  - Supported AppNest initiatives by ensuring seamless feature delivery, deployment, and integration for client-specific use cases.

Aug `23 - April `24
SurveySparrow

Intern Product Developer

- Gained hands-on exposure to full-stack development by exploring a wide range of technologies including React Native, Flutter, Kotlin, Swift, Node.js (Hapi.js), and PostgreSQL.
- Contributed to minor feature enhancements and bug fixes across mobile and web platforms under the mentorship of senior developers.
- Collaborated with the product team to understand real-world use cases, debugging practices, and agile development processes.
- Built a strong technical foundation that enabled a smooth transition to a full-time Product Developer role.

Aug `22 - Nov `22
Skewess Tech

Intern Flutter Developer

- Developed cross-platform mobile applications using Flutter, with seamless Firebase integration for authentication and real-time data handling.
- Gained hands-on experience with IPFS (InterPlanetary File System) for implementing secure storage mechanisms for documents.

WORKED ON

- Android
- iOS
- Flutter
- React Native
- C, Java, Python, Dart, Js, Swift, Kotlin
- Cursor AI
- React
- Expo
- Hapi Js
- FireBase, PostgreSQL, MySQL

PROJECTS

- **Detection of Signs of Depression using Social Media Text**
  - Developed a Machine Learning and Deep Learning pipeline using BERT, CNN, RoBERTa, and SVM for mental health detection.
  - Ranked 12th globally in LT-EDI@RANLP 2023 hosted on CodaLab.
  - Paper Link (ACL Anthology)

- **Ensemble-Based Attrition Prediction in Corporate Settings**
  - Built a predictive model with advanced feature selection, SMOTE, XGBoost, CATBoost, and a Gated Recurrent Units (GRU) for employee attrition using ensemble techniques.
  - Published as a Springer Book Chapter - Proceedings of 4th International Conference on Artificial Intelligence and Smart Energy

- **KEC Connect**
  - Developed a mobile application for KEC using Flutter and Firebase for campus-wide communication and event updates.

- **RBCKEC & Maths Club Websites**
  - Built and hosted freelance websites for Robotics Club and Maths Club of KEC using ReactJS and Tailwind CSS to enhance their online presence.

ACTIVITIES & ACHIEVEMENTS

- **National Cadet Corps (NCC) | 2021 – 2024**
  - Served as Cadet Under Officer and Sergeant.
  - Completed A, B, and C certificates with A grade.
  - Honored with the Best Cadet Award in the IGC cum CATC Camp for excellence in leadership and service.

- **Speaker – Flutter Workshop at KPR Institute of Engineering & Technology**
  - Conducted a session on Cross-Platform App Development using Flutter for 100+ students.
  - Covered: Dart basics, Flutter intro, and building your first app.

- **Speaker – "Becoming an Interview Pro" at Kongu Engineering College**
  - Guided 250+ students on cracking interviews with preparation tips, attitude grooming, and real-world insights.

- **Seminar on Dynamic Programming – Dept. of CT-PG**
  - Delivered a session to MSc CT-PG final-year students with peers, focusing on practical approaches to algorithmic thinking and dynamic programming.

- **SPARCADE Hackathons @ SurveySparrow**
  - Battle of Apps (2024) – Secured 2nd Prize and People's Choice Award for building integrations within SurveySparrow's AppNest ecosystem.
  - Battle of Future (2025) – Explored LLMs like OpenAI, Claude, and Perplexity; experimented with AI tools including Bolt, v0, and Cursor AI to drive innovation.

- **Best Project Award (2023–24)**
  - Won Best Project award at the 40th Annual Day, recognizing academic innovation and teamwork for Ensemble-Based Attrition Prediction in Corporate Settings.

- **Active Community Member**
  - Actively participate in developer meetups and tech communities: GDG, JS Lovers, Chennai React, and TAI Connect.