

AMARBABU T

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OBJECTIVE

Software Engineer with 2 years and 5 months of experience in Flutter app development and React.js web applications, seeking a full-time Software Engineer position to leverage my skills in building scalable, user-focused solutions.

WORK EXPERIENCE

Software Engineer

01/2023 – present

Perfectz Digital 

Project 1: School Bus Management App

- Led UI development, ensuring an intuitive and visually appealing user experience.
- Implemented Firebase for seamless app distribution and real-time notifications.
- Integrated essential APIs to bolster application functionality.
- Leveraged Riverpod for efficient state management.

Project 2: Multi-faceted E-commerce Platform

- Played a pivotal role in UI development across multiple applications (User, Driver and Store App).
- Integrated Firebase to enable real-time notifications and orchestrate app distribution along with TestFlight.
- Utilised Stripe for secure payment processing.
- Integrated Medusa APIs to enhance application features.
- Employed both GetX and River-pod for effective state management.
- Implemented Google sign-in and mobile login functionality.

Project 3: Bookezy Service booking App

- Spearheaded the design and development of the user interface, focusing on usability and an intuitive booking experience.
- Implemented Riverpod for optimized state management across the application.
- Developed seamless user authentication and profile management.
- Utilized custom API integrations to enable smooth booking and scheduling functionality.

Project 4: ShopLite (E-commerce Web App)

- Developed a high-performance e-commerce platform using **React and Vite** for optimized builds.
- Integrated **REST APIs** for dynamic data handling and seamless user interactions.
- Implemented **Redux** for centralized and scalable state management.
- Designed responsive and user-friendly UIs to enhance the shopping experience.
- Applied modern development practices, including **modular architecture** and **reusable components**.
- Ensured fast and reliable performance with **Vite's** optimized build tools.
- Integrated **firebase** for notifications and for getting fcm token and all
- Deployed the website in **AWS S3 bucket**

SKILLS

Technical Skills - Flutter, Dart, Firebase, TestFlight, Unit Testing, UI Testing, Riverpod, getX, Git, Jira, Redux, Vite, AWS

Soft Skills - Communication, Teamwork, Problem-solving, Adaptability, Critical thinking, Leadership, Management

EDUCATION

B.TECH - Informtion Technology

2018 – 2022

School of engineering, Cusat

PROJECTS

GPA-Gram panchayath app

An android application developed using Flutter, Dart, and Firebase to make the panchayath members available for the citizens. Also to aware peoples about various activities held by grama panchayath.

Transcriber

Developed a Flutter app that leverages the Gemini API for real-time grammar correction. Integrated camera preview for video input, speech-to-text with `speech_to_text` for voice capture, and `flutter_tts` for audible playback of corrected text, enhancing user interaction and communication.

OPEN SOURCE CONTRIBUTIONS

Flutter Responsive Kit [↗](#)

01/2025 – present

Flutter Package - Self published

A lightweight and extensible Flutter package to simplify building responsive UIs across mobile, tablet, and desktop breakpoints.

- Developed and published a custom Flutter package focused on responsive design utilities.
- Features include `ResponsiveBuilder`, `ResponsiveText`, `ResponsiveGrid`, and layout helpers.
- Supports dynamic breakpoints, clean adaptive layout APIs, and scalability for large apps.
- Continuously maintained with updates, documentation, and plans for extended widget support.

PUBLICATIONS

Medium Article

: <https://medium.com/@amarbabutharol/understanding-certificate-transparency-in-flutter-enhancing-app-security-773965727a10> [↗](#)

ACHIEVEMENTS

- Received accolades as Start of Quarter and Champ of Month, showcasing exceptional performance and dedication in the field.
- Received special mention from app client for minimal bugs and quick support.