

# SABARINATHAN

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## Professional Summary

Flutter Developer with 10 months of experience in Dart, Firebase, SQL, Node.js and MongoDB. Developed and launched 12 apps (11 on Google Play, 1 on Apple App Store). Skilled in Git version control and Agile methodologies, with additional experience in Java and Android development

## Skills

- **Programming Language:** Flutter, Dart, Python, JavaScript, SQL, Java, Android, IOS.
- **Databases & Server Side:** Firebase, Supabase, MySQL, Node JS, MongoDB, PHP.
- **Version Control:** Git, GitHub.
- **Tools & Software:** Agile Methodologies, Jira, Android Studio, API Integration, MVC Architecture.

## Educational Qualification

### B. Tech Information Technology

Park College of Engineering and Technology

July 2019 – July 2023.

CGPA: 8.26

## Professional Experience

### Application Developer - Nulinz Education Private Limited – Salem. Feb 2024 – Present

- **Responsibilities:** I collaborated with Application Developers to design and develop an innovative cross-platform mobile application using the Flutter framework and Dart language.
- **Key Contributions:** Leveraged Firebase for database management, push notifications, and in app messaging.
- **Capabilities:** Actively participated in the entire app development lifecycle, from initial concept through deployment on both the Google Play Store and Apple App Store.
- **Methodologies:** Utilized Agile methodologies for efficient project management and iterative development. Employed Git version control to manage code collaboration and ensure seamless integration.

## Certifications & Achievements

- **Software Engineering and Agile Job Simulation Virtual Internship** – JP Morgan Chase & Co. by Forage on Oct 2023.  
**Description:** Completed a virtual internship at **\*\*JP Morgan Chase & Co.\*\*** via Forage, specializing in Software Engineering and Agile methodologies through hands-on job simulations.
- **AI Chatbot** – IBM on Feb 2023 – April 2023.  
**Description:** Led the development of an AI-powered chatbot for the banking industry using IBM Watson, in collaboration with Nalayathiran Projects for IBM, enhancing customer service through AI-driven solutions

## Projects

### Product Selling and Tracking – Expert Internal

**Duration:** 1 month (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase, Location Service, Mapping.

**Features:** Project For streamline workflow and enhance communication by developing a centralized task management platform. I used the Flutter framework for the app, with PHP and SQL for the backend, and integrated Firebase for real-time push notifications.

**Link:**

- **Playstore** - <https://play.google.com/store/apps/details?id=com.nulinz.expert>
- **Appstore** - <https://apps.apple.com/in/app/expert-corporate-solutions/id6737750418>

### AI-Construction Management - DLR

**Duration:** 3 weeks (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase, Python, OpenCV, Machine Learning Kit, Location Service, API Integration.

**Features:** Onstru DLR is an AI-driven construction management app that automates attendance tracking using face recognition, improving accuracy, efficiency, and productivity while simplifying workforce monitoring and record-keeping.

**Link:** <https://play.google.com/store/apps/details?id=com.onstru.dlr>

### Job Searching Platform – Nulinz Community

**Duration:** 3 weeks (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed the Nulinz Community app, a platform for professionals to discover job opportunities, connect with peers, and apply for global events, fostering career growth and networking within the Nulinz network.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.community>

### Matrimonial Website - LuckyMatrimony

**Duration:** 3 weeks (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed a matrimonial app with personalized matchmaking, real-time chat, subscription plans, profile restrictions, and integrated payment gateway, providing a secure and tailored user experience. Managed key features like user preferences, membership options, and privacy settings.

**Link:** <https://play.google.com/store/apps/details?id=com.luckymatrimony.app>

### Hospital Management System - Ayush Clinic

**Duration:** 2 weeks (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed a hospital management app enabling efficient management of appointments, patient records, medicines, treatments, prescriptions, vendor details, and medical history, streamlining operations and improving healthcare delivery.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.ayushclinicapp>

### Learning Siddha Studies App – Siddha 360

**Duration:** 1 week (Ongoing) | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed Siddha 360, an interactive learning app for Siddha medicine, featuring immersive book-flipping animations, in-depth courses, and practical applications, designed to engage doctors, students, and holistic health enthusiasts.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.siddhaedu>

### **Task & Team Management App - Nutask**

**Duration:** 1 week | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed NuTask, a centralized task management app using Flutter, PHP, SQL, and Firebase. Key features: task creation, prioritization, real-time notifications, status updates, and team collaboration for streamlined workflow.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.nutask>

### **Construction Management App - Catbuild**

**Duration:** 1 month | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase.

**Features:** Developed a construction project management app for contractors and project managers, offering tools for progress tracking, budget management, task scheduling, and team communication, ensuring projects stay on time and within budget.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.catbuild>

### **Multi-Purpose App - FirstLook**

**Duration:** 1 month | **Technologies Used:** Flutter, Dart, PHP, MySQL, Firebase, Bitcoin API, Sharemarket API, Gold/Silver Price API Integration.

**Features:** Developed FirstLook, a productivity-boosting notes app with an intuitive interface, offering features like tags, categorization, and cloud syncing to enhance note organization, memory retention, and cross-device accessibility.

**Link:** <https://play.google.com/store/apps/details?id=com.mpeople.memorise>

### **Animated Space Creativity App - Space Explorer**

**Duration:** 1 week | **Technologies Used:** Flutter, Dart, Firebase.

**Features:** Developed Space Explorer, an educational app featuring animated simulations to help users learn about planets and the solar system, offering an engaging, interactive experience for students and space enthusiasts.

**Link:** <https://play.google.com/store/apps/details?id=com.nulinz.spaceexplorer>