

# Premkumar

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## SUMMARY

Experienced Flutter Developer with 1 year of expertise in building cross-platform mobile applications. Skilled in designing intuitive user interfaces, developing efficient front-end solutions, and integrating back-end services. Graduated from Alagappa University with a Bachelor's in Computer Applications.

## TECHNICAL SKILLS

**Programming Languages:** Dart, Python, Html, CSS, JavaScript

**Technologies:** XML, Git

**Full-Stack Frameworks:** Django, React/React Native

**Databases:** MySQL, Redis

## EXPERIENCE

**Edbrook Private Limited, Chennai, India**

Sep 2023 – Sep 2024

Software Engineer

### Clap App

- **Built cross-platform mobile applications** using Flutter, delivering high-performance apps with seamless user experiences on both iOS and Android platforms.
- **Designed and implemented** custom UI/UX elements, animations, and widgets to create visually appealing and highly responsive app interfaces.
- **Integrated RESTful APIs and third-party services**, enabling smooth data exchange between mobile apps and backend servers, reducing data load times by **25%**.
- **Improved** app performance by applying best practices for state management using providers, Get-X, and Bloc patterns, resulting in a **40% reduction in app crashes**.
- **Performed unit and integration testing** using Flutter's testing framework, identifying and resolving **95% of bugs** before production release.
- **Collaborated closely with product managers and designers** to gather requirements, provide technical feedback, and deliver user-centered solutions on time, meeting **100% of project deadlines**.
- **Configured push notifications** using Firebase Cloud Messaging (FCM) and handled in-app messaging for real-time updates.
- **Utilized version control systems (Git)** for collaboration and maintaining a clean codebase, with **90% of development work** streamlined through efficient CI/CD pipelines for continuous integration and deployment.

### Edbrook Education Website

- **Developed web applications** using Python and Django, creating scalable and secure back-end architectures.
- **Crafted and structured front-end layouts** using HTML, CSS, and Bootstrap, ensuring responsive and mobile-friendly designs, resulting in a **20% increase in mobile traffic**.
- **Carried out comprehensive testing** with Django's testing framework, ensuring 99% code reliability and identifying bugs early in the development process.
- **Handled form validation and error handling** to ensure smooth user experiences and data integrity in web forms, reducing form errors by **35%**.
- **Enhanced web performance** by implementing best practices in asset management, such as minimizing CSS, using lazy loading, and efficient database querying.
- **Used version control (Git)** to manage the codebase, ensuring smooth collaboration and regular deployment of updates, with **5 major releases** throughout the project.

## EDUCATION

**Alagappa University, Karaikudi**

Bachelor of Computer Applications

2019 - 2022

84 %