

PROFILE

Results-driven Senior Mobile App Developer with over 3 years of dedicated expertise, demonstrating proficiency in Dart, Java Kotlin, and JavaScript. Skilled in frameworks and technologies such as Android SDK, Flutter, iOS, Xcode, and Android Studio. My collaborative nature, effective communication skills, and commitment to continuous learning underscore my ability to manage complex projects, resulting in a milestone of over 20,000 app downloads.

Bawantha Rajapaksha

Senior Mobile App Engineer

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📍 Adelaide, Australia

in <https://www.linkedin.com/in/bawantha-rajapaksha/>

🐙 <https://github.com/bawantha/>

🖱 <https://stackoverflow.com/users/8135721/bawantha>

SKILLS

Languages: Control:

Java Dart Kotlin Swift Typescript JavaScript

Frameworks

Android , Flutter , IOS , Spring boot , Angular , Jetpack (MVVM , Compose , Dagger , Room)

Databases

MYSQL, Firestore, PGSQL , Oracle SQL , Mongo DB

Tools

Android Studio, Xcode , Intelli IDEA , Swagger , AWS , Docker , Kubernetes, Fastlane, CircleCI , Gitlab runner

Version Control

Github , BitBucket , Gitlab

PROFESSIONAL EXPERIENCE

Senior Mobile App Engineer

03/2023 – present

Grubtech

UAE

- Played a pivotal role in the rapid development of ADNOC's (Abu Dhabi National Oil Company) flutter mobile sales application.
 - Utilized AWS Amplify and Cognito to effectively manage user authentication and authorization processes.
 - Implemented efficient dart in-memory search algorithm for mobile app to search gas station locations.
 - Implemented mobile security best practices to enhance the app's security, including techniques such as code shrinking, obfuscation, root detection, and certificate pinning.
 - Contributed to the development of the user interface (UI) in Flutter utilizing the Bloc pattern, implemented dependency injection with 'injectable,' and established the network layer using 'retrofit.'
 - Established a CI/CD pipeline for a Flutter mobile app using Fastlane and Circle CI.
- Conducted thorough and insightful code review sessions, providing valuable guidance to junior developers and ensuring adherence to coding best practices.
- Spearheaded the implementation of automated Integration and Unit testing procedures using Flutter and Firebase Test Lab within an Agile environment, achieving a notable 30% reduction in regression issues, and contributing to the establishment of a high-quality codebase.
- Participated agile methodologies: Scrum, Kanban, Agile Project Management, Sprint Planning, Backlog Management and utilized JIRA

Mobile App Developer (Part Time)

01/2023 – present

AI summon

USA

- Developed a Flutter-based video call and live streaming application utilizing RTMP technology.

- Integrated Google Maps with Flutter to introduce enhanced functionalities to the platform, providing users with advanced location-based features and contributing to an enriched user experience.
- Improve Firebase query performance
- Utilized Google Cloud Functions to streamline the development process, resulting in increased efficiency. Managed push notifications for the mobile app, integrated the Stripe payment gateway, and implemented a serverless token generator to facilitate live stream functionality.

Senior Software Engineer

03/2021 – 06/2023

Codegen International

UK

- Participated in the conversion process of transitioning a legacy Ionic app into a Flutter mobile application.
- Designed and implemented a CI/CD pipeline for a Flutter mobile app using Fastlane and GitLab runners.
- Facilitated knowledge-sharing sessions within the team, actively engaging in discussions on best practices for Android and iOS development to foster continuous improvement.
- Played a key role in the development of an Android application for health record monitoring. Leveraged Android Jetpack, Room database, Retrofit for network communication, Dagger for dependency injection, and followed the MVVM architecture pattern to create a robust and efficient healthcare application.
- Contributed to the implementation of RESTful APIs using Spring Boot while adhering to industry best practices for Java development.
- Significantly improved cache memory performance of a Java back-end by leveraging Elasticsearch logs, resulting in a 38% reduction in data retrieval latency.
- Optimized Angular app loading speed by implementing efficient code practices, resulting in a 45% reduction in initial load times and an enhanced user experience.

Mobile app developer (Part-time)

01/2021 – 05/2021

Preventa Medical

USA

- Formulated and executed a comprehensive migration plan for transitioning an existing web app to a Flutter Desktop and Web application, demonstrating strategic planning and implementation skills.
- Leveraged cutting-edge technologies to troubleshoot, analyze, and enhance the performance of existing mobile applications, showcasing a commitment to staying abreast of industry trends and ensuring optimal software functionality.

EDUCATION

Bachelors in computer science and engineering

2016 – 2021

University of Moratuwa

Sri Lanka

CERTIFICATES

- AWS Certified Solution Architect – Associate

PROJECTS

Flutter Widget Catcher

Engineered Flutter Widget Catcher, a powerful tool that streamlined widget replication, boosting development efficiency by 30% and enabling seamless sharing across teams.

Payhere Payment Gateway for Flutter

Developed an innovative Flutter plugin to facilitate seamless payment collection via a prominent payment gateway, resulting in a 30% revenue increase and decreased transactional friction for customers.

Thel - SL fuel Finder

Implemented an eco-friendly solution to optimize fuel station searches nationwide. Utilized advanced geo-location technology to deliver precise real-time information on fuel availability, prices, and ratings.

EXTRACURRICULAR ACTIVITIES

President

2020 – 2021

IEEE Computer Society University of Moratuwa

Organizing IEEE Xtreme coding competition more than 400 participation