




CHEHAN SIVARUBAN

SOFTWARE ENGINEER

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I have extensive experience with mobile development and am a highly motivated software engineer. I am excited to take on new challenges and contribute to a dynamic team. I am committed to generating high-quality goods and effectively fulfilling deadlines.

TECHNICAL AND SOFT SKILLS

Flutter, Dart, Android, Kotlin, Java, Python, React, Node, C#, .Net, SQL, Mongo DB, Figma, UI/UX, Git, Leadership, Teamwork, Adaptable, Detail-Oriented, Self-Motivated

EXPERIENCE

2023 May - Present

Software Engineer | CodeGen International

- Lead mobile development for large-scale applications using Flutter, delivering high-quality apps with performance optimization.
- Architect and implement scalable, maintainable mobile solutions by adhering to Clean Architecture principles and Domain-Driven Design (DDD).
- Collaborate with cross-functional teams to ensure seamless integration and alignment with business requirements, improving app functionality and user experience.
- Write clean, efficient, and reusable code, enhancing maintainability and reducing technical debt.

2022 July – 2023 May

Associate Software Engineer | Omobio (Pvt) Ltd

- Developed and maintained large-scale telecommunication mobile applications using Flutter, ensuring robust performance and user-friendly interfaces.
- Contributed to backend development with Java and Spring Boot, integrating APIs to support mobile functionality.
- Managed deployments to Google Play Store and Apple App Store, ensuring smooth release cycles.
- Implemented CI/CD pipelines to automate testing, building, and deployment, improving development efficiency.
- Collaborated with cross-functional teams to deliver mobile features aligned with business objectives, enhancing customer satisfaction.

2021 July - 2022 July

Software Engineering Intern | Omobio (Pvt) Ltd

- Led research and development of emerging technologies to modernize telco self-care applications, presenting technical recommendations to stakeholders.
- Participated in the end-to-end migration of a mobile app from Ionic to Flutter using Domain-Driven Design (DDD) principles, improving app scalability and performance.
- Developed and optimized advanced Flutter features, including state management and custom UI components, enhancing user experience and app responsiveness.
- Conducted client-facing User Acceptance Testing (UAT) and resolved technical issues in real-time, ensuring successful app deployment and meeting client expectations.

EDUCATION

2020 - 2022

BEng. in Software Engineering (Hons)

Informatics Institute of Technology

(affiliated with the University of Westminster, London)

Second Upper Class (Honors)

2006 - 2019

Wesley College, Colombo

Advanced Level: Combined Mathematics (S), Physics (S) & Chemistry (S)

Ordinary Level: 7As, 2Bs

PROJECTS - [HTTPS://BIT.LY/3B2VQCB](https://bit.ly/3B2VQCB) (ALL PROJECTS)

Predictive System for Tweet Engagement - Final Year Project | 09/2022 – 04/2023

Developed a predictive system for tweet engagement, leveraging emotion detection, topic classification, sentiment analysis, and regression models for accurate engagement forecasts.

Python | TensorFlow | Scikit-learn | Flask | CICD

Premier League Manager - Object-Oriented Programming | 11/2020 – 01/2021

Designed a Premier League club management system using Object-Oriented Programming (OOP) principles with the MVC architecture.

Java | Angular | Play Framework

Mobile Quiz - 02/2021 – 03/2021

Created an Android-based mobile quiz application with multiple categories and scoring functionality.

Java | Android SDK

Solar Photovoltaic Productivity Prediction - Second Year Group Project | 09/2020 – 04/2021

Collaborated with a team of 6 to create a system and app predicting solar photovoltaic productivity based on environmental factors using regression analysis and forecasting techniques.

Python | Flutter | Pandas | NumPy | Scikit-learn | CICD

Gym Management System - 07/2020 – 08/2020

Implemented a gym management system using Object-Oriented Programming (OOP) for effective membership and resource management.

Java | JavaFX

Mobile Movie Reviewer - 07/2020 – 08/2020

Developed an Android application for users to review and rate movies, with features for search and filtering.

Java | Android SDK

CO-CURRICULARS AND ACHIEVEMENTS

Stage Craft – Intra University Talent Show

1st Place

Google Hashcode 2022

IIT Hub Rank – 3

Sri Lanka Rank – 23

Google Hashcode 2021

IIT Hub Rank – 8

HaXmas'21 Hackathon League Manager

Finalist

Scouting

Assistant Troupe Leader |

2018/19

College Brass Band

Assistant Brass Band Leader |

2018/19

Interact Club

- Vice President | 2016/17
- Vice President | 2017/18
- Secretary, Interact District Council - Interaction | 2019/20
- Awarded Outstanding Interaction Committee Member | Interact District Assembly 2018

Science Union

Secretary | 2018/19

English Literary Union of Wesley College

Vice President | 2018/19

REFERENCES

LANGUAGES

- **English:** Native Proficiency
- **Sinhala:** Native Proficiency

Mrs. Pradeepa Gurusinghe, Director/ Senior Architect
Omobio (Pvt) Ltd
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Mrs. Sapna Kumarapathirage, Lecturer/ Level Coordinator,
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