

# CHEHAN SIVARUBAN

## SOFTWARE ENGINEER | FLUTTER EXPERT

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[github.com/Chehansivaruban](https://github.com/Chehansivaruban)

<https://medium.com/@chehansivaruban>

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

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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://chehansivaruban.github.io/> (ALL PROJECTS)

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### **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 | Streamlit | 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 | Flask | 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

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### **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

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

**Mrs. Pradeepa Gurusinghe, Director/ Senior Architect**  
Omobio (Pvt) Ltd  
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