LILLY RAFFY CHEEROTHA

Software Engineer

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SUMMARY

Software Engineer with expertise in high-performance application development, mobile solutions using Flutter, and performance optimization. Skilled in product design, client engagement, and team collaboration, with a strong focus on delivering scalable solutions and mentoring engineers.

EXPERIENCE

Full Stack Developer
05/2021 - 09/2025

Obodo FZ LLC, Dubai

- Designed and developed **cross-platform mobile application** using **Flutter**, achieving a **30% improvement in performance** compared to legacy frameworks.
- Delivered mobile app for **Android and iOS** that collectively reached **10,000+ active users**, improving customer engagement.
- Collaborated with **cross-functional teams** across design, QA, and product management to accelerate project delivery by **20%**.
- Conducted **50+ code reviews**, improving overall code quality and reducing bugs in production by **15%**.
- Debugged and resolved critical issues, reducing app crashes by **25%** and improving stability across devices.
- Integrated **RESTful APIs** to enable real-time data exchange, enhancing app functionality and user experience.
- Implemented **Firebase authentication and cloud storage**, reducing backend costs by **15%** while improving security and scalability.
- Actively participated in project planning and feature rollouts, ensuring **100% on-time delivery** of releases.

Assistant Professor in Dept. of Computer Science
02/2015 - 12/2020

IES COLLEGE OF ENGINEERING, Kerala

- Delivered lectures to **undergraduate and postgraduate students** on **Software Engineering**, **Design and Analysis of Algorithms**, and related computer science subjects.
- Guided students in **research analysis**, helping them develop innovative projects and technical solutions.
- Mentored and supervised **student projects**, providing academic and technical support from concept to implementation.
- Facilitated learning through interactive teaching methods, improving student engagement and comprehension.
- Supported students in preparing for academic publications, presentations, and industry-level competitions.

Lecturer in Dept. of Computer Science
09/2014 - 02/2015

St. Thomas College, Kerala

- Delivered lectures to **undergraduate and postgraduate students** in **Computer Applications**, covering programming, databases, and software development concepts.
- Designed and delivered **curriculum-aligned course materials**, improving student comprehension and academic performance.
- Mentored students in practical assignments, projects, and research, enhancing their problem-solving and technical skills.
- Supported academic development through guidance on examinations, presentations, and career-oriented learning.

EDUCATION

Master of Engineering in Computer Science (CGPA of 8.32)
07/2012 - 05/2014

Coimbatore Institute of Engineering and Technology, Anna University

Bachelor of Engineering in Computer Science
06/2007 - 06/2011

IES College of Engineering, Calicut University

TECHNOLOGY

Languages	**Framework**
C++, HTML, CSS, SQL, Dart	Flutter
Database	**Other tools**
Firebase Fire store	VS Code, Git

Certifications

Livewire- Cloud computing

V-CAIR- Theoretical Foundations of Artificial Neural Network

LANGUAGES

English	Malayalam	Hindi