

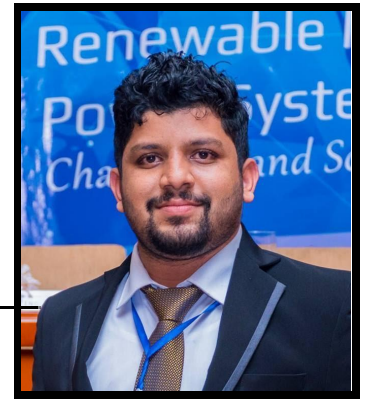
OMAL COORAY

Senior Software Engineer

📍 Balangoda, Sri Lanka

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PROFILE

An innovative, energetic, enthusiastic individual with strong teamwork, hardworking and good leadership skills. Keen on learning and keeping myself up to date with the latest trends and technology. Looking for opportunities to gain experience while contributing maximum towards the industry.

EDUCATION

2014 - 2018	University of Moratuwa Electrical Engineering, (GPA 3.07)
2016 – 2017	Institute of Java and Software Engineering CMJD Professional program
1999 – 2012	R/Balangoda Ananda Maithreya National School Physical Science stream: Merit pass with 3A's (District Rank: 5)

TECHNICAL SKILLS

- **Programming Languages**
Scala, Java, Python, C
- **Databases**
MySQL, MongoDB, PostgreSQL, Oracle
- **Web Frameworks**
Play Framework, Spring Boot
- **Operating Systems**
Windows, Fedora
- **IDE**
IntelliJ IDEA
- **Others**
GIT, JIRA, Postman, SwaggerUI, Slick, Sbt
- **Data Engineering tools**
MINIO, Kafka, Kafka Connect, Hadoop(Currently Studying), Hive(Currently Studying), Spark(Currently Studying)

WORK EXPERIENCE

Cloud Solutions International (Pvt) Ltd
02.2019 - 04.2021 - Software Engineer
05.2021 - Present - Senior Software Engineer

- **Reporting module – Streaming data pipeline creation**

This is my on-going project. In this project currently I'm working on creating data pipelines to connect different type's relational databases such as Oracle, PostgreSQL, MySQL using debezium kafka source connectors and confluent jdbc sink connectors.

Technologies: Kafka, Kafka connect, Docker, Oracle, PostgreSQL, MySQL

- **Reporting module – Backend development**

In this project, I developed a full-functioning dynamic SQL query builder. By using this we can convert defined JSON objects to a SQL query. It supports any kind of SQL query and those queries compatible with PostgreSQL and Oracle. By implementing a few classes it can support other SQL-based relational databases as well such as MySQL, SQL Server, Hive, etc.

Technologies: Scala, Play Framework, Minio, Slick, Sbt, Oracle, PostgreSQL

- **Document Management System Module – Lead the Team/ Backend development**

lead the development team of 3 engineers and I'm the only backend developer for this project. So, I did most of the backend design and developments. Participated in requirements gathering as well.

Technologies: Scala, Play Framework, Minio, MongoDB, MySQL, Slick, Sbt

- **Operation Room Module - Backend development**

In this module, my responsibility was to merge some microservices as one service and refactor the code.

Technologies: Java, Spring boot, PostgreSQL

- **Operation Room Module – KPI Reports**

In this task, I wrote SQL queries to create KPI reports related to operation room by using the data warehouse

Technologies: SQL, MySQL

Vega Innovations (Pvt) Ltd

09.2017 - 12.2017 - Electrical Engineering Intern

- **Support to Electrical Vehicle Controller Installation (Vega Car)**

- **Battery Management System (BMS) Project**

In this project I programmed a C2000 microcontroller using C language

- **Fast Charger AC to DC Converter**

SOFTWARE ENGINEERING MODULES STUDIED (IN UNIVERSITY)

- **Programming Fundamentals - (A-)**
Python

- **Computer Systems (A-)**

- **Visual Programming (B)**

- **Graph Theory (A)**

SOFT SKILLS

- **Leadership Skills**

- **Collaborator**

- **Communication Skills**

- **Adaptability**

PROFESSIONAL AFFILIATION

- **Institute of Engineers Sri Lanka (IESL) (2017 – 2019)** - Student Member

- **Institute of Engineers Sri Lanka (IESL) (2019 – Present)** - Associate Member

ACTIVITIES AND SOCIETIES

University Level

- **Students' Representative** - Semester 4, 5
Department of Electrical Engineering

- **Junior Treasurer** - For Year 2018
Electrical Engineering Society

- **Editor** - For Year 2018
IESL Students Chapter of University of Moratuwa

- **Organizing Committee Member** - EXMO 2017
Representing Department of Electrical Engineering

School Level

- **Science Section Head Prefect** - For Year 2012
- **Secretary** - For Year 2012
School Young Inventors Club
- **School Team Leader** - 2013
"ITN Young Inventors Club" Program
- **Merit Award Holder** - 2005
Sabaragamuwa Provincial Inventors' Competition

REFERENCE

Available upon request