



# SACHINDU SRILAL

Software Engineer



'Srilal' Niwasa,  
Gajanayakagama, Hakuruwela



lal95.ac@gmail.com



+94 710897933



<https://github.com/sachindu95>



<https://twitter.com/SachinduSrilal>



<https://www.linkedin.com/in/sachindu-srilal-316716180/>

## SKILLS SUMMARY

### Technical skills

#### Programming Languages

- Java
- TypeScript
- ECMAScript

#### Markup, Expression and Other Languages

- HTML-5
- CSS-3
- SCSS
- RegExp
- SQL
- XML
- JSON
- YAML

#### Core Programming Platforms

- Java SE 11
- Jakarta EE
- Spring Framework
- Node JS
- Browser Web API

#### Libraries and Frameworks

- Spring Boot
- Hibernate ORM
- Hibernate Validator
- Lombok
- Java FX
- Jasper Report
- Angular
- React
- Express JS
- JQuery
- JS Joda
- Flutter

## PERSONAL STATEMENT

I am seeking a challenging role within a renowned company where I can apply my engineering skills to contribute to the company's growth while expanding my knowledge by exploring new opportunities. With a dedicated and determined approach, I consistently strive to perform at my best and achieve personal and organizational goals. I am eager to join a team that values innovation, fosters professional development, and encourages collaboration to drive success.

## PROFESSIONAL EXPERIENCE

### • Associate Software Engineer | July 2023-Up to Now 2024

Sanmark Solutions (Pvt) Ltd, Srilanka

In the current working projects, I have gained experience in,

- NestJS, React JS, MySql based on Microservice Architecture, Rest API, Docker, Git Lab, and Jira board.
- Design the relations for the project using an Entity Relationship Diagram (ERD) and Class diagram.
- Sprint plan, team collaboration, and team management as the Project Leader.
- In the API Jwt token authorization and authentication, Verison release.
- In the front-end Statemangement, Api calling, frontend UI validation, UI design.
- Create API documentation using swagger.

### • Trainee Software Engineer | January - July 2023

Institute of Software Engineering - IJSE, Srilanka

Obtained experience in back-end and front-end software developments and agile methodologies using tending tech stacks such as ;

**Java, hibernate, spring, spring boot, Node js, Angular, Reach Js, RDBMS, and MongoDB based on microservice architecture.**

## PROJECT EXPERIENCE

### • Quotation / Invoice Management System

This is an internal project of the Sanmark Solution (Pvt) Ltd. Using this system users can manage their Product and Service of the business management process easily.

**Technologies: NestJS, Node Js, MySQL, Flutter, Swagger, SonarQube,**  
Role-base permissions, JWT token authorization, State management, Use components.

## DBMS

- MySQL
- MongoDB

## IDES

- IntelliJ Idea
- VS Code

## Tools

- Maven, Gradel
- GCloud
- Docker
- Parcel JS
- Git & Github
- Postman

## Operating Systems

- Ubuntu
- Windows

## Personal skills

- Fast learner
- Teamworking
- Self-Motivated
- Adaptability
- Management skills

## Language Skills

- Sinhala (Native)
- English

## INTERESTS

- Software Development
- Full-stack development
- Volunteering

## REFERENCE

### Mr. Prasad Waduge

CEO / Senior Lecturer

Institute of Software Engineering, No.  
223A 1/2, Galle Road ,Panadura, Srilanka.

Phone: +94 77 225 2985

Email : prasad@ijse.lk

### Mr. R.G Sachintha

Associate Tech Lead

Sanmark Solution (PVT) Ltd, Sri Lanka.

Phone: +94 71 511 5550

Email : sachintha@thesanmark.com

## • System for CEB Bill Calculation

This is a test project done by me in the Sanmark Solution (Pvt) Ltd. Using this system can calculate bills and In the Meter Reader role have access to generate bills, Customers have access to read the monthly reading and customer details. Using this system will automate the current bill calculation and bill management process with easy implementation.

**Technologies:** Node JS, React Js, MySQL, Role-based permissions, JWT token authorization

## • Simple Microservice App

This is a simple application designed for an institute to manage its students and course details. Under this project, I want to show my capability to **implement business and dao layers** using spring and spring-boot.

**Repository link :** <https://github.com/sachindu95/simple-micro-service-app>

**Technologies:** Spring Frameworks, JDBC, Springboot, MySQL, Angular

## • Public Gallery App

This project explores and practices front-end and back-end technologies. Using this application we can download and upload images quickly.

**Repository link :** <https://github.com/sachindu95/public-gallery-app>

**Technologies:** Spring Frameworks, HTML, SCSS, JS, Ajax, Jquery, Jackson, Parcel

## EDUCATIONAL HISTORY



**University of Moratuwa | Sri Lanka | 2016-2021**

B.Sc. Engineering (Hons) Degree

Majoring in the Field of Materials Science and Engineering



**Rajapaksha Central Collage Weeraketiya**

G.C.E A/L with 2A & B |2015

## UNDERGRADUATE PROJECTS

- **Check the suitability of using waste materials (Aruwakkalu limestone and ship blasting sand) to produce paving blocks for type A & B roads categories**

(Final Year Project - 2020)

- **Gearbox Design for a Modern Car**

Complete design of a simple gearbox for a car with Stress analysis, material selection, drawings, and 3D modeling using SOLIDWORKS simulation.

(Under Module ME 3812 - Machine Design)

## EXTRA CURRICULA ACTIVITIES

- Hasarella” project-active member (2018)
- Techno exhibition-active member (2017/2018)
- Leo club projects (Organizer of First aid programme 2019 & Galkissa beach cleaning project 2019)