

CHAMAL SANJANA PEIRIS

FULL STACK SOFTWARE ENGINEER



ABOUT

I am a dedicated and a self driven software developer holding a Bsc(hons) Software Engineering degree, who can learn and adapt to the latest technology stacks in the IT domain. Further more , I would like to work with any project team while learning and supporting to reach the company goals and project milestones.

CONTACT



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<https://github.com/Chamal-Peiris>



<https://stackoverflow.com/users/13466282/chamal-peiris>



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road, Lakshapathiya, Moratuwa, Srilanka

EXPERIENCE

INSTITUTE OF SOFTWARE ENGINEERING

Trainee Software Engineer (Full Stack)(Nov 2021- Present)

1. Point of sales system

This is an application developed to manage CRUD operations related to customers, orders, products etc.. of a retail store.

Tech stack

- Java 8
- Jakarta EE
- Spring Boot
- Spring web MVC
- Spring Data JPA
- Hibernate
- ModelMapper
- Junit
- Mockito
- Java bean validation
- MySQL
- Tomcat
- Maven
- Lombok
- HTML5
- CSS3
- SCSS
- Tailwind CSS
- EcmaScript6
- Typescript
- Angular
- Angular Material
- PWA
- RxJs
- SL4J

2. LMS

An Application developed to manage operations related to a library

Tech stack

- Java 8
- Java EE
 - Servlet
 - JSONB
 - JSONP
- Lombok
- Junit
- Mockito
- Hiberate (JPA)
- MySQL
- Tomcat
- Java bean validation
- HTML5
- CSS3
- EcmaScript6
- AdminLTE
- AJAX
- NPM

PERSONAL PROJECTS

1. Google Clone

A google clone application developed with the integration of the custom search engine feature as well.

- Html5
- CSS3
- Google programmable search engine



<https://github.com/Chamal-Peiris/google-clone-with-cse>

2. Google task clone (back end)

A back end developed for the google task app. Initially this was developed only with JavaEE servlet spec and later on the project was revamped with technologies like spring boot, spring web mvc, spring data jpa etc..

- MySQL
- Tomcat
- Java bean validation
- Maven
- Java EE (Servlet)
- Spring boot
- Spring web
- Hibernate (JPA)
- Spring data
- Lombok



<https://github.com/Chamal-Peiris/google-task-clone-back-end.git>

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- Java
- C++
- Typescript
- ECMAScript
- SQL
- HTML5
- CSS3
- Sass
- Arduino

TECHNOLOGY STACK

- Spring Framework
- Nativehibernate/Hibernate
- JPA
- Java EE
 - Servlet
 - JSONB
 - JSONP
- Java SE
 - JDBC
 - IO/NIO
 - Serialization
 - Reflection API
- Junit
- Maven, Gradle,ModelMapper,Lombok, Postman, Jakson
- Angular
 - Angular Material
 - ngBootstrap
 - RxJS
- NodeJs,NPM, Express js
- Git, Github
- jQuery,jQueryUI,Parcel, Bootstrap 5, Tailwind css
- AJAX, Axios, Fetch
- Apache Tomcat
- MySQL

ARCHITECTURAL PATTERNS

- Layered
- MVC
- Client Server

OPERATING SYSTEMS

- Linux
- Windows

REFEREES

Mr. Prasad Waduge

CEO /Senior Lecturer, Institute of Software Engineering, No: 223A 1/2, Galle Road, Panadura, Sri Lanka. E-mail: prasad@ijse.lk Mobile: +94 77 2252985

Mr. Ayesh Navindu gamage

Senior Software Engineer, Pearson Lanka, No 200 Narahenpita,Nawala Road,Floors no.22-27,Srilanka, Mobile: +94 716317967

3. Polling system

A front end and a back end application developed where users can login and add polls, remove polls,add votes for a particular poll etc..

- Java EE (Servlet,JSONP)
- Java bean validation
- MySQL
- Lombok
- Tomcat
- HTML5
- CSS3
- Hibernate(JPA)
- Angular
- RxJS
- PWA
- NPM
- Gradle



<https://github.com/Chamal-Peiris/polling-system-hibernate-back-end.git>

4. Simple note taking app

A Basic note taking app where users can log in and add notes for there future. this project was built with both angular and react

- Spring boot
- Spring web mvc
- Spring data jpa
- MySQL
- Java Bean Validation
- Lombok
- Junit
- Angular
- React
- RxJS
- Fetch



<https://github.com/Chamal-Peiris/note-system-spring-boot-spring-data-jpa.git>

5. Simple ORM framework

With this basic ORM framework, you can create tables in the database without the use of any SQL queries

- Reflection
- Annotations



<https://github.com/Chamal-Peiris/basic-orm-framework.git>

6. HomeAutomation System (NodeMCU)

An experiment to perform a real time IOT project to control lights of your home from any part of the with just a stable internet connection and a mobile phone/pc/tablet etc..

- Arduino
- NodeMcu(Esp8266)
- Firebase



<https://github.com/Chamal-Peiris/simple-iot-home-automation-with-nodemcu-and-firebase.git>

REFER MY GIT REPOSITORY TO VIEW ALL MY PROJECTS

EDUCATION

CARDIFF METROPOLITON UNIVERSITY (UK)

2019-2022 | Bsc (Hons) Software Engineering
Grade-First Class Hons.

COLOMBO SOUTH INTERNATIONAL COLLEGE

2016 | Edexcel IGCSE Ordinary level examination
2018 | Edexcel IAL Advanced Level Examination

PERSONAL INFORMATION

Full Name : Lokukankanamge Chamal Sanjana Periris

D.O.B : 1999-08-03

Interests : I play the rythm guitar. I am also interested in robotics, IoT,drones etc..