



DILANKA SANDEEP WIJESEKARA

SOFTWARE ENGINEER

PROFESSIONAL PROFILE

EDUCATION

BSc. (Hons) in Engineering (Accredited according to the Washington accord)

(2014 – 2019)

Faculty of Engineering, University of Peradeniya, Sri Lanka

Diploma in Comprehensive Master Java Developer

(December 2022-July 2023)

Hands-on experience with Core Java, OOP, Data Structures and design Patterns, Java SE (Java I/O, Regexp), DBMS (MySQL), SQL, Client-side Programming with HTML, CSS, SASS, ECMA Script (JavaScript), ReactJS and Angular, Design Systems (Bootstrap, Material UI, Semantic UI), Spring Boot, Node JS, Web-API Environments, Reporting in Applications using Jasper, Modern UI Designing using Java FX and Desktop application, IDEs (Visual Studio code, IntelliJ IDEA, Netbeans), MVC and Layered Architecture.

Certified associate Project management

Education hours of 52.5 completed (CAPM Exam to be taken)

Certificate course in English - University of Sabaragamuwa, Sri Lanka.

Results- Distinction level 4 A (Writing, speaking, listening, reading)

PROFESSIONAL EXPERIENCE

FULL STACK TRAINEE ENGINEER

Full stack Engineer-Trainee at IJSE (July 2023-Present)

Gaining a Frontend and Backend development Experience and WhiteBox testing (JUnit) in Web Application Development projects in both collaborative environment and individual works and understanding Software Development Life cycle. Tech stacks used Java 11, Java EE 8 (Servlet, JSP, JSTL), Tom Cat, PostgreSQL, ReactJS, Spring Framework and Spring Boot, Hibernate, TypeScript, ECMAScript, Angular, NodeJs, javaFX Git and GitHub.. Worked In Linux Environment.

Back End Implementation for Edu-panel for Institute Web Site

Development of a role-based access system to seamlessly manage lectures for both full-time and part-time roles within the Edu-panel..

Tech Stacks – Spring Boot with Spring Security and Spring Data JPA with Hibernate, DBMS- PostgreSQL and FireStore

CONTACT



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<https://dilankaportfolio.firebaseio.com/>



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

ABOUT ME

Dynamic and versatile professional with a background in Engineering and a passion for Software Engineering. Skilled in Core Java, SQL-DBMS, Java I/O, Java EE 8, Tom Cat, MVC architecture, Layered architecture, HTML, CSS, ECMA Script (JavaScript), Design Systems (Material UI Bootstrap, Semantic UI) Hibernate, Spring Framework and Spring Boot, ReactJS, Angular and more. Seeking new opportunities to leverage my unique blend of engineering expertise and software development skills. Let's connect and explore how I can contribute to your team's success in the world of software engineering.



1994-10-25

TOP SKILLS

- Core Java
- Spring Frame Work
- Spring Boot
- ECMA Script
- Type Script
- ReactJs
- AngularJs
- SQL
- PostgreSQL
- MySQL
- HTLM5,CSS3,SASS
- Jquery
- JavaEE 8 (Servlet,JSP,JSTL,EL,JSP)
- TomCat
- Hibernate
- NodeJS
- RestFull API
- BootStrap,TailWind
- JavaFX
- Git
- Firebase
- Project Management

NON RELATED REFREES

Eng. Asanka Nanayakkara

Chief Engineer,

National Water Supply and Drainage Board,
Kandy North Pathadumbara Integrated water
supply Project.

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TECH CREATIONS

Online Book Store (Book Land Book Store)

Implemented intuitive frontend functionalities for book browsing, user Login, cart management, and checkout. Secured backend with JWT authentication, managed book data, and processed orders via API endpoints., ensuring error-free execution.

Tech Stacks- Back End- Spring boot and Spring Security for User Authentication. Front end-React.JS and React-Bootstrap. DBMS-MySQL.

Task Flow Web Application

Task Flow is a modern web application designed to streamline task management and collaboration. It provides an intuitive interface for creating, organizing, and tracking tasks. **Tech Stacks – Spring frame work, Firebase Authentication, ReactJS, TailwindCSS with FlowBite, Native Hibernate and HikariC P DBMS-PostgreSQL.**

Chat-App Web Application

Developed a chat functionality using React.js for the frontend, integrated with Spring WebSocket on the backend, and utilized Spring Framework. **Tech Stacks- Reactjs, Firebase Authentication, Spring Web Sockets,, Hibernate validator, DBMS-MySQL**

Simple Text Editor and Multi Media Player

This is a basic text editor. It provides a user-friendly interface for creating, editing, and saving text documents and Simple multi media player for play audio and video built using JavaFX. **Tech stacks- Java (Input/output), JavaFX**

Point of Sale System

Tech stack- Java, JavaFX, JasperReport, DBMS-PostgreSQL

Experiment on Cloning Apple Web Site and Google Front Page Responsive Designs

Tech Stacks- Basic Html and CSS. (Google Search Engine is linked to search bar)

GAINS FROM ENGINEERING EXPERIENCE

- Project Management : Managed several teams, Worked under budgets, Manage project timelines, Meet Deadlines, Preparing of work schedules.
- Problem-Solving: Solved many technical and non-technical issues in sites and in offices.
- Collaboration and Communication: collaborated with multidisciplinary teams.

EXTRA CURRICULAR

Manager (OGV) – AIESEC in University of Peradeniya (2016-2017)

Team Leader (OGX) – AIESEC in University of Peradeniya (2015-2016)

Organizing committee vice president – Project 'Hodi Potha V 2.0'

Committee Member – Society of Structural Engineers Sri Lanka,University of Peradeniya

Exchange participant – AIESEC in Malaysia (EYLN 2015) (Ten Weeks)Through AIESEC in Sri Lanka wentfor an exchange program in Malaysia in University of Kebangsaan

AFFILIATION WITH PROFESSIONAL BODIES

Associate Member of Institute of Engineers Sri Lanka (IESL) Membership nu: AM-25207

Associate Member of Engineering Council Sri Lanka (ECSL) Registration nu: 213842