THARINDU THENNAKOON
SOFTWARE ENGINEER (FULL STACK)

CONTACT

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🌐 https://bit.ly/46fW18c

🏠 192/D, Samagi Mawatha, Eluwila, Waduramulla, Panadura

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TECHNICAL SKILLS

General Purpose Programming Languages

- Java
- ECMAScript
- C#
- TypeScript

Markup, Expression and Other Languages

- SQL
- JSON
- HTML 5
- CSS 3
- SASS
- XML
- RegExp
- JSTL
- SpEL

Core Programming Platforms

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

DBMS

- MySQL
- PostgreSQL
- MongoDB

PROFESSIONAL PROFILE

I'm a dedicated software developer with expertise in full-stack web applications, particularly the Java Spring stack and MERN stack. I'm currently pursuing an MSc in Information Technology at the Informatics Institute of Technology (IIT). With a blend of academic knowledge and hands-on experience, I've acquired the competencies needed for a successful software engineering career, committed to delivering high-quality solutions and continuously improving my skills to meet industry demands.

WORK EXPERIENCE

Trainee Software Engineer
(Institute of Software Engineering (IJSE) Sri Lanka)
Dec 2022 - Present
Obtained hands-on experience in both backend and frontend software development methodologies with trending tech stacks such as java, ECMAScript, spring boot, Node.js, react, MySQL, hibernate, RDBMS, MongoDB.

Projects completed at IJSE

- **Web Application for a bookstore**

The purpose of this project was to practice developing a REST API and then use it alongside a frontend, developed with React. This app allows admin user to display books for sale, update details about books, add new books for sale and convenient management of orders. Several entities such as books, book categories, users, orders were used, and their relationships were mapped. Regular expressions were used for data validation.

Technologies : Java, Spring boot, Hibernate, Lombok, JWT tokens, MySQL, JS, React, React Bootstrap, HTML, Sass, Git, Postman, Layered Architecture
backend: https://github.com/tharindu152/bookstore-backend
frontend: https://github.com/tharindu152/bookstore-frontend

- **Design Clones**

These web design clones were created using CSS3 and HTML5. Media queries, Transform, Animations, Z-index, Flex, Grid, Multicolumn layouts, :root selector to apply styles to the root element, variable declaration, Device viewport responsiveness and color-scheme responsiveness were also included.

Technologies : HTML5, CSS3
google clone: https://github.com/tharindu152/google-design-clone
ikman clone: https://github.com/tharindu152/ikman-design-clone

- **Color Chooser Desktop Application**

This project was created using Java, Java FX, string formatting, event listeners and Java FX components. This app creates colors at any opacity when RGB and alpha values are given using a slider.

Technologies : Java, JavaFX, FXML, Scene Builder, Git
source code: https://github.com/tharindu152/simple-color-chooser

IDE
- IntelliJ Idea
- VS Code

Tools
- Maven, Gradle
- JDK Tools
- DataGrip
- NPM, PNPM
- Git, GitHub
- Parcel JS
- Spring Boot Dev Tools
- Nodemon
- LiveServer
- Postman
- Discord
- Jasper Studio
- Packet Tracer
- MongoDB Compose
- JavaFX ScenceBuilder

EcmaScript Libraries and Frameworks
- React
- Angular
- Express JS
- jQuery

Java Libraries and Frameworks
- Spring Boot
- Spring Data(JDBC, JPA, MongoDB)
- Hibernate ORM
- JUnit
- Apache DBCP
- Jasper Reports
- Lombok
- Java FX

Other Libraries
- Bootstrap
- React Bootstrap
- Materail UI
- Bulma UI
- Semantic UI
- Material Icons
- Ionic icons
- HTML 5 Boilerplate
- Font Awesome
- Google Fonts
- Animate.CSS
- Axios

Operating Systems
- Linux

Assistant Security Manager
(Wiley Global Technology, Colombo)
Jun 2020 - Jul 2023

- Managed C*Cure 9000 access control system, and Victor Unified Client CCTV monitoring system of Sri Lanka and India.
- Conducted Physical Security checks in accordance with ISO 27001 standards at the Sri Lanka office, Noida office.
- Monitored and evaluated the COVID-19 situation in Sri Lanka and India and took steps to reopen both offices safely for businesses.
- Interviewed, recruited, and trained Operations Analysts in Crisis Management, to launch Crisis Management Operations Center.

Commissioned Officer
(Sri Lanka Air Force)
Sep 2011 - Jun 2020

- Officer in Charge Recruits Training, Air Force Combat Training School, Diyatalawa.
- Personnel Staff Officer at Sri Lanka Air Force Headquarters.
- Assistance Administrative Officer of No: 36 Regiment Wing Air Force Station Iranamadu, No: 23 Regiment Wing Air Force Base Vauniya, No: 26 Regiment Wing Air Force Base Katunayake.

EDUCATION

MASTER OF SCIENCE INFORMATION TECHNOLOGY (READING)
Informatics Institute of Technology (2023- Present)

COMPREHENSIVE MASTER JAVA DEVELOPER COURSE
Institute of Software Engineering (IJSE) (2022)

SOFTWARE ENGINEERING TRAINING PROGRAM (FULL TIME)
Institute of Software Engineering (IJSE) (2023)

MASTERS IN BUSINESS ADMINISTRATION (GPA 3.48)
University of Colombo (2018-2020)

BACHELOR OF SCIENCE IN MANAGEMENT AND TECHNICAL SCIENCES - FIRST CLASS (GPA 3.89)
Kotelawala Defense University, Rathmalana (2011-2015)

PERSONAL SKILLS

- Self-Learning
- Analytical Thinking
- Teamwork
- Public Speaking
- Leadership Skills
- Time management

EXTRA CURRICULAR ACTIVITIES

- Played Mercantile Cricket Tournament as an opening batter during 2022, 2023 seasons.

REFERENCES

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