



LAKSITH NAWARATHNA

F U L L S T A C K D E V E L O P E R

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📍 2T/1,Dambuawatta,Pahalayagoda,Imbulgoda

🌐 <https://laksith-nawarathna.github.io/laksith/>

PERSONAL DIGITAL PLATFORMS

🐙 <https://github.com/Laksith-Nawarathna>
🌐 <https://www.linkedin.com/in/laksith-nawarathna-75667b15a/>
🐦 https://twitter.com/Laksith_
📰 https://www.hackerrank.com/Laksith_nb
📖 <https://stackoverflow.com/users/20107151/laksith-nawarathna>

TECH STACK

Programming Languages

- Java
- ECMAScript
- TypeScript
- SQL
- HTML
- CSS
- SCSS
- SpEL

Libraries and Frameworks

- JavaSE
- JakartaEE
 - Annotation
 - JSONP
 - JSONB
 - JAXP
 - Servlet
 - JAX-RS
 - JPA
 - Bean Validation
- JavaFX
- Spring
- Spring Boot
- Hibernate
- Angular
- ReactJS
- NodeJS
- ExpressJS
- JUnit
- Bootstrap
- AdminLTE
- Web API
- jQuery

ABOUT ME

I'm enthusiastic about Software Engineering and passionate about working smart. I enjoy problem-solving, critical analyzing, and willing to embrace evolving cutting-edge technologies. In summary, working hard and finding smarter and sustainable solutions is my overall objective regards both my career ladder and my personal life.

PROFESSIONAL EXPERIENCE

Trainee Software Engineer (05/2022 - present)

Institute of Java and Software Engineering (IJSE),
Panadura

TaskLead v1.0.0 - Task Management Application

- A task management application that aims to manage task lists for individual projects added by logged in users.

Applied tech stack: *Spring boot, Spring security, Spring Data JPA, MySQL, Lombok, Commons-codec, Git, GitHub, Modelmapper*

LibRun v1.0.0 - Library Management Application

- A Library Management System for handling books, members, and issued and returned books.

Applied tech stack: *JavaEE, Servlet, MySQL, JUnit, Maven Hibernate JPA, Tomcat, H2, Git, GitHub, Bootstrap, GCP*

ProLinq v1.0.0 - ORM Framework

- An Object Relational Mapping Framework designed using Java Annotation and Reflection APIs for mapping an object-oriented domain model to a relational database.

Applied tech stack: *Java Annotation and Reflection APIs*

- Lombok
- RxJS
- Promises
- Jackson
- Databind
- JavaFaker
- Mockito
- Axios
- Animate CSS
- SLF4J, LogBack

IDE and Editors

- IntelliJ IDEA
- VSCode

DBMS

- MySQL
- PostgreSQL
- Redis

CI/CD

- GitHub Actions
- GCP

Tools

- GitHub
- Maven
- Gradle
- NPM
- PNPM
- Postman
- BrowserSync
- npx serve
- Lite-Server
- Nodemon
- DataGrip
- ParcelJS

SCM Tools

- Git

OS

- Linux
- Windows

REFERENCE

Mr. Prasad Waduge CEO/Senior Lecturer

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

Tel: +94 772 252 985

Email: prasad@ijse.lk

Web: <https://ijse.lk/>

Dr. Ravindra Wijesiriwardana

BSc Eng (Moratuwa), PhD (Manch)
Senior Engineer at SUBPAC
Former Senior Lecturer at University of Moratuwa

Tel: +1 (312) 927-1841

Email: wijesiriwardana@yahoo.com

PERSONAL PROJECTS

Bank of Ceylon website clone

- A clone application of Bank of Ceylon website for practicing front-end designing technologies.
<https://github.com/Laksith-Nawarathna/boc-clone>

To-Do Application

- A simple to-do application using Angular to add new to-do items, show completed to-do items, and remove existing to-do items.
<https://github.com/Laksith-Nawarathna/to-do-app>

National Fuel Pass app clone

- A desktop implementation of national fuel pass using JavaFx library.
<https://github.com/Laksith-Nawarathna/fuel-pass-clone-app>

WORK EXPERIENCE

Research Assistant (02/2020 - 04/2022)

University of Moratuwa

- Developed a novel human energy harvesting exercise machine.
- Developed a physiological parameter sensing unit for fatigue detection.

Applied tech stack: C++, python, MATLAB

Trainee Engineer (06/2018 - 12/2018)

- OREL Corporation (Pvt) Ltd
- Lanka Electricity Company (Pvt) Ltd
- Ceylon Electricity Board

EDUCATION

BSc Eng (Hons) with Second Class Upper Division Department of Electrical Engineering University of Moratuwa (2015 - 2020)

Followed Computer Science Courses

- Web Design for Beginners

Followed Computer Science Modules

- CS 2812 Visual Programming: A
- CS 1032 Programming Fundamentals: A-

G.C.E. (A/L) Examination

D.S. Senanayake College, Colombo 7 (2014)

- Mathematics Stream 3A's
- Z-score: 2.1156