LAKSITH NAWARATHNA

FULL STACK DEVELOPER

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📍 2T/1,Dambuwawatta,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
- JSON
- XML
- YAML

Libraries and Frameworks

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

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

Simple 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

Library Management System

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

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

Google clone

- A clone application of the Google Search and integrated with the Google Programmable Search Engine to enable the searching capability.

  Applied tech stack: HTML5, CSS3

- Web API
- jQuery
- Lombok
- RxJS
- Promises
- JavaFaker
- Mockito
- Axios
- Animate CSS

IDE and Editors

- IntelliJ IDEA
- VSCode

DBMS   CI/CD

- MySQL
- PostgreSQL
- MongoDB
- Redis
- GitHub Actions
- GCP

Tools

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

SCM Tools   OS

- Git
- 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

To-Do Application

- A simple to-do application to add new to-do items and display completed items.

  Applied tech stack: Angular, Typescript, HTML, SCSS, Bootstrap

Bank of Ceylon website clone

- A clone application of Bank of Ceylon website for practicing front-end designing technologies.

  Applied tech stack: HTML5, CSS3

National Fuel Pass app clone

- A desktop implementation of national fuel pass app.

  Applied tech stack: Java, JavaFx, CSS, Maven

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