

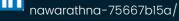
# PERSONAL DIGITAL **PLATFORMS**



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# **TECH STACK**

## **Programming Languages**

- Java
- HTML
- JSON
- ECMAScript
- CSS
- XML
- TypeScript
- SCSS
- YAML

• SQL

#### Libraries and Frameworks

- JavaSE
- JakartaEE
  - - Annotation
       React Native
    - JSONP
    - JSONB
    - JAXP
    - Servlet

  - JAX-RS
  - o JPA
  - o Bean Validation
- JavaFX

- Angular
- ReactJS
- React Router
- Redux
- NodeJS
- ExpressJS
- Spring
- Spring Boot
- Bootstrap
- Hibernate
- JUnit

# **ABOUT ME**

I'm enthusiastic about Software Engineering passionate about working smart. It is also my favorite approach to problem-solving. 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

**Associate 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 for the Google Search and integrated with the Google Programmable Search Engine to enable the searching capability.

Applied tech stack: HTML5, CSS3

- Bootstrap
- AdminLTE
- Web API
- jQuery
- Lombok
- Jackson
- Jackson
   Databind
- JavaFaker
- Mockito
- Axios
- Animate CSS
- RxJS
- Promise
- MUI

### **IDE and Editors**

IntelliJ IDEA

VSCode

### **DBMS**

- MySQL
- PostgreSQL
- MongoDB
- Redis

### CI/CD

- GitHub Actions
- Docker
- Kubernetes

BrowserSync

npx serve

• Lite-Server

Nodemon

Postman

DataGrip

• GCP

### **Tools**

- GitHub
- Maven
- GradleNPM
- PNPM
- Darcola
- ParcelJSSCM Tools

### os

- JavaDoc
- Git
- - Linux
  - Windows

# **REFERENCE**

# Mr. Prasad Waduge CEO/Senior Lecturer

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## Dr. Ravindra Wijesiriwardana

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Former Senior Lecturer at University of Moratuwa

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### **To-Do Application**

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

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

#### Bank of Ceylon website clone

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

Applied tech stack: HTML5, CSS3

#### **National Fuel Pass app clone**

• A desktop implementation of national fuel pass app.

Applied tech stack: Java, JavaFx, Scene Builder, 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