




Nishan Akalanka


Software Engineer

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## Personal details

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 [github.com/NISHAN-AKALANKA](https://github.com/NISHAN-AKALANKA)

## Programming language

\* Java                      \* EcmaScript

\* Typescript

## Skills

\* TeamWork

\* Addaptability to the Changes

\* Communicative

\* Creativity

## Profile

I am a Professional Engineer who has a long-cherished desire to be a remarkable software developer in the community of the industry, with great skills in problem-solving and inspiration to work on formidable tasks. Also, a hardworking person to fulfill the objectives and goals in my personal and professional life with great commitment.

## Experience

Jan 2023 - Jul 2023

**Trainee Software Engineer**

[IJSE, Panadura](#)

Learned and trained as Software Developer for the Industry. Followed the core of languages related to both front-end and back-end(Java, EcmaScript). As well as learned and worked with Relational and NonRelational Databases, hands-on testing, and app-deploying(using docker CLI). Worked with frameworks like spring boot, angular, react, and the technologies like hibernate, jquery, and Lombok.

Jan 2022 - May 2022

**Site Engineer**

[MAGA Construction pvt.Ltd](#)

Ruwanpura Expressway Project

Oct 2020 - Dec 2021

**Site Engineer**

[Hovael Construction pvt.Ltd](#)

GA-1 i-Road Project Gampaha

## Education

Nov 2015 - Jun 2020

**Bachelor of the Science of Engineering Honours**

[University of Peradeniya, Peradeniya](#)

## Projects

### Point-of-Sales-System

An application for a supper market.

- To keep customer and item registry and capability of update delete and save.
- Manipulate orders concurrently through the system.
- add to cart option and place order(using websocket)
- generate a bill for an order
- Users can search for orders using any detail of an order
- The home page gives an overall idea of the shop's stats like
  - \* Items count
  - \* Daily Income
  - \* Items Reaching low stock amount
  - \* Number of Customers
  - \* Monthly Income
  - \* Number of orders ongoing

**technologies used :**

- **Back-end:** *Spring Boot, Maven, ECMAScriptMySQL, Lombok, JUnit, ModelMapper*
- **Front-end:** *HTML, CSS, ECMAScript, Bootstrap, JQuery*

## Tech Stack

### ----- Frameworks and Libraries -----

- |           |              |
|-----------|--------------|
| * JavaEE  | * Hibernate  |
| * spring  | * Springboot |
| * JavaSE  | * JavaFx     |
| * Angular | * React      |
| * SASS    | * Parcel     |
| * jQuery  | * AJAX       |

### - API platforms, Cloud Computing -

- |          |           |
|----------|-----------|
| * Tomcat | * Postman |
| * GCP    | * Docker  |

### ----- IDE And Build Tools -----

- |                 |           |
|-----------------|-----------|
| * Gradle        | * Maven   |
| * IntelliJ Idea | * VS Code |

## References

### Mr Rasika Jayawardana

Construction Manager at Maga  
Construction pvt.Ltd  
+94 71 389 1089

### Mr Prasad Waduge

CEO /Senior Lecturer, Institute of  
Software Engineering,, Panadura  
+94 77 2252985, prasad@ijse.lk

### Public-Gallery-App

A simple application containing wallpapers

- Upload images through drag and drop
- viewing images and Download selected image

#### Technologies used :

- **frontend:** *Ecmascript, HTML5, CSS3, Bootstrap, Parcel*
- **backend:** *Spring-WebMVC, Jackson*

### Mini-Game

A simple game runs on desktop browsers

- Control through keyboard
- Used basic functionalities of Ecmascript(selections, Traversing, manipulations, styling, EventHandling, Timers and etc.)

#### Technologies used:

- *HTML, CSS3, ECMAScript*

### Task-App

A simple Task-app to manipulate Tasks

- Adding new Tasks
- manipulation of the status (complete/Incomplete) of the Task

#### Technologies used:

- **frontend:** *Angular, Bootstrap*
- **backend:** *NodeJS*

## Achievements

- Inter Faculty Debate-Competition (2016) University of Peradeniya - Championship
- Entry Level Certificate in ESOL International (Spoken)-Achiewver(City & Guilds of London Institute)
- All Island Inter School/Club Team Chess Championship-2006-participation
- Under 13 Chess Tournament (2005) Bandaranayake College Gampaha-Championship

## Extracurricular activities

### 2016 - 2017

#### Member

[University of Peradeniya](#)  
University Debate Team

### 2006 - 2008

#### Team leader

[Bandaranayake College Gampaha](#)  
Under 13 Chess Team

### 2006 - 2008

#### Member

[Bandaranayake College Gampaha](#)  
School Scout Club

### 2009 - 2010

#### Member

[Bandaranayake College Gampaha](#)  
Western-Music Singing Group