

AVISHKA GAMAGE

Software Engineer

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🌐 My Portfolio

🌐 www.github.com



SUMMARY

An Associate Software Engineer with a robust background in information technology, specializing in web and mobile application development. Proficiency in React.js, Node.js, TypeScript, Java, and Spring Boot is demonstrated, with a focus on handling complex projects and integrating various APIs. A solid understanding of database management systems such as MySQL, MongoDB, and DynamoDB, coupled with extensive experience in leveraging AWS cloud services, is exhibited. Expertise in microservice architecture and system integration highlights technical proficiency and problem-solving skills. Commitment to continuous learning and professional growth is maintained, with a drive to contribute to innovative projects and make a meaningful impact in the tech industry, always seeking new challenges and opportunities to collaborate with dynamic teams.

EDUCATION

2020 - 2024

- BSc (Hons) in Information Technology Specialising in Software Engineering
Sri Lanka Institute of Information Technology, Malabe

2011 - 2018

- G.C.E. Advanced Level (2019)
Dudley Senanayake Central College, Tholangamuwa
 - Combined Mathematics C, Physics C, Chemistry C

EXPERIENCE

04/2023 - Present

Colombo

- Associate Software Engineer
Tecciance
Responsibilities
 - Integrated Zoom APIs for access tokens, meeting records, and webhook notifications.
 - Utilized AWS services to enhance data management and processing.
 - Developed systems to connect various microservices, improving system efficiency.
 - Implemented secure and efficient data storage solutions using MySQL and other databases.
 - Automated data analysis processes using Python scripts. Leveraged AI and machine learning tools to analyze data and improve user experience.
 - Ensured seamless user authentication through integration with Keycloak.
 - Enhanced user interface and experience by creating responsive and interactive UIs.

04/2023 - 09/2023

Colombo

- Associate Software Engineer (Outsourced)
Acentura Inc
Responsibilities
 - Integrated Google Maps for enhanced location-based services.
 - Developed comprehensive trip request management features.
 - Ensured real-time notifications and role-based task access for users.
 - Led a team in applying best practices, coding standards, and meeting client requirements.
 - Mentored junior developers, fostering their growth and ensuring project success.

09/2022 - 04/2023

Pepiliyana

- Software Engineering Intern
Digiratina Technology Solutions Pvt. Ltd,
Responsibilities
 - Improved performance and scalability of existing APIs.
 - Collaborated with cross-functional teams to resolve critical issues and deliver high-quality solutions.
 - Enhanced application functionality through comprehensive code modifications.
 - Developed mobile-responsive web pages, ensuring an optimal user experience.
 - Developed APIs to support new features and improve application performance.
 - Collaborated closely with the client's QA team to resolve issues efficiently.
 - Delivered a mobile-responsive office website with enhanced functionalities

NOTABLE PROJECTS

Niroggi

Company Project at Tecciance - Child Health Application

- Niroggi is a child healthcare application that facilitates interviews with parents, coaches, and children to provide instructions and guidance. The project integrates various technologies to analyze interviews and verify that meetings adhere to company policies.

Technologies: Node.js, AWS S3, Microservices Architecture, AWS Comprehend, TypeScript, MySQL, JavaScript, Python, OpenAI, Microsoft DB, Zoom APIs.

Viu Subscription

Company Project at Tecciance - Viu Subscription

- Viu is a TV channel streaming application where we were involved in backend implementation using microservices architecture. We implemented 5 microservices using Spring Boot, ensuring efficient and scalable performance. The project also involved using AWS SQS for handling messaging services, MongoDB for storing unstructured data, and MySQL for managing relational data.

Technologies: Java Spring Boot, AWS SQS, MongoDB, MySQL, Microservices Architecture, GitLab

Central Number Pool

Company Project at Digiratina Technology Solutions Pvt. Ltd. - Dialog Number Generation and Activation Services

- Central Number Pool is a backend service that includes number generation and search services, as well as a scheduler. The number generation service creates a range of numbers based on requirements, which can then be moved from the pre-pool to the live pool. The number search service manages live pool numbers, allowing customers to reserve, add to cart, and search for numbers based on specific criteria. A scheduler automatically removes numbers from block status.

Technologies: Java, Spring Boot, DynamoDB.

MAS-Transportation

Company Project at Acentura Inc - Transportation Application for MAS

- This project manages MAS transportation across the company, including tracking and optimizing bookings. It handles transportation requests from employees and manages them through various roles within the MAS system, ensuring efficient operations and logistics management.

Technologies: React, TypeScript, Redux, Material UI, React Saga

Traveler

📅 03/2023 - 06/2023

🔗 <https://github.com/IT20642914/Travellore-AF>

Sliit University Project - Content Management System With User Registration And Backend Functionalities

- The project involves creating a content management system, user registration, backend functionalities, and a basic user interface to streamline business operations and user interaction
- Technologies and Tools Used:** MERN Stack, JWT, Figma, and GitHub

Waste Management System

📅 07/2022 - 10/2022

🔗 <https://github.com/SPM-Y3S1-PROJECT/waste-management-system>

Sliit University Project -Waste Management System Web Application

- The project involves developing a user interface using ReactJS and creating RESTful APIs using Node.js and Express.js for user management, item collection, etc.
- Technologies and Tools Used:** MERN Stack, Figma, and GitHub

Train Ticket Management System

📅 08/2023 - 11/2023

🔗 https://github.com/IT20642914/EAD_WEB

Sliit University Project - Enterprise Web Application Consisting Of Both Web And Mobile Applications

- online train ticket booking system that allows users to book tickets via a mobile application. The project also included a web application for managing bookings and train schedules.
- **Technologies and Tools Used:** ASP.NET, MongoDB, React, TypeScript, JWT, Figma, GitHub, Azure.

JobNest

📅 07/2022 - 10/2022

🔗 <https://github.com/IT20642914/UEE-SEJ006>

Sliit University Project- Mobile Application

- The project involves understanding project requirements, user personas, and stories for job seekers, recruiters, and consultants, and designing and implementing functionalities for job posting.
- **Technologies and Tools Used:** React Native , Figma

FaceRecognizer And Authenticater

📅 01/2024 - 03/2024

🔗 <https://github.com/IT20642914/FaceRecognizerAndAuthenticator>

Sliit University Project- Python Model For Face Recognition And Authentication

- Developed an AI/ML model for user authentication through facial recognition, using libraries such as DeepFace, OpenCV, and Firebase. The system captured and processed images for real-time user authentication, utilizing a web server created with Flask to handle API requests. Key functionalities included facial recognition, data manipulation, text-to-speech feedback, and real-time database management.
- **Technologies and Tools Used:** Python, DeepFace, OpenCV, Firebase, Flask, pandas, pyttsx3, threading, requests, numpy.

SKILLS

Front-End Technologies

- HTML
- Matirial UI
- JavaScript
- React
- Bootstrap
- Rudux, Redux-Saga
- TypeScript
- Sass/Css

Back-End Technologies

- Node.js
- Java/Spring Boot
- .Net
- /C#
- Python

Databases

- MongoDB
- MySQL
- DynamoDB
- Fir ebase

EXPERIENCED IN

- Github/GitLab/Bitbucket
- Docker
- Jenkins
- Zoom Developer Apis/webHooks
- Microservices
- AWS Services (EC2, S3 , lambda funtions, RDS, Code Build, Comprehend, Toxicity APis, Cognito)
- Kubernetes

REFERENCES

- Mr.Kalana Elapatha
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- Mr.Keshan perera
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