



Meraj Pathiranage

Software Engineer

I am a highly motivated individual with enthusiasm to learn new skills to contribute to the success of the organizational objectives effectively and efficiently while achieving my personal goals.

Contact

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19/11/2000

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Himbutana, Mulleriyawa New Town,
Colombo



Portfolio

merajvindira.netlify.app



Linkedin:

linkedin.com/meraj-vindira



Github:

github.com/Meraj6091



GitLab:

gitlab.com/Meraj6091



Medium:

medium.com/@merajvindira

Technical Skills

Programming Languages

Java | Python | JavaScript

Security

Penetration testing | Burp Suite

Web Development

**ReactJS | TypeScript | NodeJS |
ExpressJS | Redux | Redux-Saga |
NextJS | Microservices**

Databases

**MongoDB | MySQL | PostgreSQL |
Cloud Firestore | Amazon Dynamodb**

Mobile Development

React Native

Services

**AWS | Heroku | Firebase |
Netlify | Vercel**

DevOps

Git | CI/CD | GitLab

Monitoring Tools

New Relic

Professional Experience

Associate Operations Engineer

Pearson Lanka, Sri Lanka - Colombo (Hybrid - FullTime)

2024 March - 2024 August

- Operations and Full Stack Development

- Developed tools using Python, Django and PostgreSQL with implementing best software security practices in an Agile environment.
- Managed and optimized alerts using New Relic to ensure real-time monitoring and proactive issue resolution.
- Served as an SME (Subject Matter Expert) for an internal product, provided support during deployments.
- Handled customer Incidents, service alerts and ensured resolution within the SLA.
- 24/7 support to Pearson products and services with Roster and On-call implementation.

Full Stack Engineer

Salus X Labs, San Francisco - USA (Remote - Contract)

2023 October - 2024 End of January

- Full Stack Development

- Developed new admin panel feature using Nest JS, Next JS and Prisma, including testing and debugging of components.
- Communicated directly with clients, offering tailored data-driven solutions.
- Developed responsive UIs using Tailwind CSS.
- Performed API and code documentation using Coda Docs and Swagger.
- Executed necessary database migrations using Prisma ORM.
- Drove company growth through technical expertise and interpersonal skills.

Contributed Projects

2023 Oct - 2024 Jan

- SKILLFULLY

- An innovative AI platform streamlining hiring for customer-facing roles by assessing conversational skills through LLM powered chatbot interactions.

- **NextJS | NestJS | Prisma | PostgreSQL | OpenAI | AWS Amplify | AWS Cognito**

Software Engineer Intern

SCM Studio Pvt Ltd, Colombo - 03 (Hybrid - FullTime)

TASA Lanka Pvt Ltd, Colombo - 04 (Hybrid - FullTime)

2021 July - 2022 July

- Full Stack Development

- Developed new CRUD features for BRIDGE with Redux and Redux-Saga for state management and performed testing and debugging of components.
- Fully updated an outdated shipment tracking feature with SeaRates API on BRIDGE.
- Developed a MERN stack application and hosted on Heroku and Firebase to keep on track with container deposit for BRIDGE.
- Implemented a feature to trigger Slack notifications using Slack Api integration with Fast Api.
- Handled AWS EC2 deployments.
- Implemented R&D task to get optimized route planning to perform deliveries on SCOOTIX using mapbox and google maps Api.
- Optimized and release Apk for staging and testing environments with App Center.
- merged git branches and performed necessary git commands to keep on track with our team and resolves conflicts on both Github and Gitlab.
- Conducted QA Automation testing using Cypress on SCOOTIX.

System Administration

Linux

APIs

Slack API | Google Maps API | Mapbox

Test Automation

Cypress

ORM

Prisma | Sequelize

Concepts

- Object Oriented Programming
- Microservice Architecture
- Concurrent Programming

Soft Skills

- Adaptability
- Leadership
- Time Management
- Working Under Pressure

Tools and Technologies

- IntelliJ IDEA
- Visual Studio Code
- Git
- PHPMyAdmin
- MongoDB Compass
- PgAdmin4
- Oracle SQL Developer
- Microsoft SQL Server
- ServiceNow
- Salesforce
- NewRelic
- Snowflake
- Postman
- Android Studio
- PyCharm
- Slack
- JIRA
- Linear
- Confluence
- Microsoft Word, Excel, PowerPoint
- Google Docs, Sheets, Forms, Slides

Non-Related

Referees

Mr. Nuwan Jayawardene

Assistant Lecturer - Informatics
Institute of Technology, Colombo 6.
Research Assistant, University of Moratuwa.

Email: nuwan.j@iit.ac.lk

Mr. Arshad Azaad

Technical Lead - TASA Lanka Pvt
Ltd, Colombo

Tel: 0770174132

Email: arshad.azaad@tasa.com.my

Contributed Projects

2021 - 2022

- BRIDGE

- An enterprise application for Shipping Management and a tool to keep track of all shipments and to produce reports on monthly shipments.

- **React | Node (TS) | Redux-Saga | Redis | PostgreSQL | Microservices | AWS EC2**

2021 - 2022

- BRIDGE MOBILE

- Follow up for the Bridge Web application. The Application is already published to the Google Play Store and Huawei App Gallery to be used by our registered clients.

- **React Native | Node (TS) | Redux-Saga | Redis | PostgreSQL | AWS EC2**

2021 - 2022

- SCOOTIX

- A Delivery Management Platform. A Mobile application to deliver goods into customers combining with a Web Application to track and manage their behaviors.

- **React Native | Node (TS) | Redux-Saga | Redis | MongoDB | Socket.io | RabbitMQ**

Education

Graduate

Informatics Institute of Technology (IIT) affiliated with University of Westminster, UK

2019 - 2023

- BEng (hons) Software Engineering with Industrial Placement

- **Second Upper Class Honours**

GCE Advanced Level

Ananda College, Colombo - 10

2017 - 2019

- Technological Stream

- Passed with C 2 and S 1

Personal & Academic Projects

Projects

Sleepline

2021 April - 2021 May

- A Healthcare App to Maintain Insomnia Level and to communicate daily behaviors between doctors and patients.

- **React Native | Node.js | Redux | Cloud Firestore | MongoDB | Python | Flask Rule-based ML | Heroku | Android Studio**

- Demo : [youtube/sleepline](https://youtube.com/sleepline)

Jala Read

2020 - 2021

- IOT linked with Mobile Application.

- An Automation System developed for the Water Quality Measurements.

- **Python | Flask | React Native | Arduino | IOT | MongoDB**

Premier League Manager

2020 - 2020

- Java linked with Angular.

- A Management System for the Football Club.

- **Java | Spring Boot | Angular**

Final Year Research Project

2023 - 2023

- A Hybrid Approach to Detect and Prevent SQL Injection Attacks on Server-Side Applications.

- A security system to prevent hackers from inserting malicious queries using machine learning combining with RNN, CNN with Google BERT.

- **React (TypeScript) | MySQL | Flask | TensorFlow | Keras | NLP | Google Colab**

- Demo : [youtube/sqliprevention](https://youtube.com/sqliprevention)