Dilan Amarasinghe

Full Stack Software Engineer

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Profile

I am a full-stack software engineer with more than 3 years of industrial experience. I am a fast learner who has the passion and self-motivation to learn and explore new things. I could utilize my skills and experiences gained through relevant education and projects and improve technical/non-technical skills by giving the best input to your organization. Working at my maximum effort towards achieving the target in an efficient manner would be my mission.

Education

B. Sc In Information Technology   2017 - 2020
Sri Lanka Institute Of Information Technology, Colombo
Second Upper (WGPA 3.48)
Dean's List : From 2017 to 2018 and 2020

Employment

Software Engineer   Aug 2021 - Present
Rootcode Labs, Colombo
Responsibilities:

- Engaged in an incident reporting admin application, designing the database schema and automation of data migration from excel to the database(**Nest JS, React JS, MySQL**) - Hashtag Generation

- Engaged in a video conferencing web and admin application(**Nest JS, React JS, MySQL**) - Expert Republic

Software Engineer   Jan 2021 - Aug 2021
Zone24x7 (Pvt) Ltd (Outsourced to Circles.Life), Colombo
Responsibilities:

- Engaged in a telco project which is being currently launched to **Singapore, Australia, Japan**, etc.. with more than **10000** user base.

- Tools & Technologies - **NodeJS, Vanila JS, MySQL, MongoDB, Golang, Jenkins**

- Roles played - **Backend, Frontend, Deployment**

Personal details

Date of birth
October 24th, 1997

Nationality
Sri Lankan

Website
confident-euler-920d46.netlify.app

LinkedIn
linkedin.com/in/dilan-amarasinghe-45a94b147

Github
github.com/dilanSuraj

StackOverflow
stackoverflow.com/users/10348303/dilan-amarasinghe

SoundCloud
medium.com/@dilan.amarasinghe214263

Pinterest
pinterest.com/dilanamarasinghe214263

Quora
quora.com/profile/Dilan-Amarasinghe-1

My Blog
surajblog915104510.wordpress.com

Twitter
twitter.com/dilan96297450

SoundCloud
soundcloud.com/dilan-amarasinghe

Full Stack Software Engineer Jan 2020 - Jan 2021
Half Life (Private) Limited, Colombo
Responsibilities:

- Engaged in a project to implement centralized authentication system and designing database schema (**PostgresSQL, ReactJS, Nodejs/ExpressJs, DigitalOcean**)

- Engaged in a Survey Management web and admin application and designing database schema(**PostgresSQL, Nodejs/ExpressJs, React JS/Redux, DigitalOcean**)

- Engaged in a project to implement trace web and admin application and designing database schema(**PostgresSQL, Nodejs/ExpressJs, React JS/Redux,Digital Ocean**)

- Engaged in a project to implement trace mobile application(**Flutter**)

- Engaged in a project to implement data sync command line application(**Python, OAuth, Docker**)

- Engaged in a project to implement google analytics (**Python, OAuth, Google Analytics**)

- Manasa Project (**PostgresSQL, ReactJS, Nodejs/ExpressJs, Digital Ocean**)

- Worked under an Agile Environment.

- Deployment and maintaing of the projects.

- Roles played - **Backend, Frontend, Deployment**

Undergraduate Trainee Nov 2018 - Oct 2019
IFS Research & Development (Pvt) Ltd, Colombo
Responsibilities:

- Engaged in a project to convert a desktop application to a web and mobile application.
- Engaged in a project to convert MS Installer to WIX Installer.
- Worked with Oracle PL/SQL.
- Worked under an Agile Environment.
- Worked with JIRA.

Certificates

AWS Fundamentals: Going Cloud-Native Aug 2020
- Coursera
https://coursera.org/share/1761264dd5b0becc2f7e3beeeaa66823

Getting Started with Google Kubernetes Oct 2020
Engine - Coursera
https://coursera.org/share/bcd7d1b87638e620bb054f7006235483

Skills

Nest JS

Node JS

Express JS

React JS

TypeORM

Jitsi

Java

Javascript

MySQL

NoSQL

Oracle PL/SQL

PostgressSQL

GoLang

Python

AWS

MongoDB

Spring Framework

SonarQube

Jenkins

VueJS

Nuxt JS

AWS Serverless

Firebase Serverless

Machine Learning

Flask Rest API

HTML

SCSS/CSS

TypeScript

GraphQL

Linux

OOP

REST

Introduction to Domain Names and Web Hosting - Quick Guide - Udemy	Sep 2020

https://www.udemy.com/certificate/UC-5f348e66-296f-40ed-9b3d-de6e247345c4/

The Complete SQL Course 2020: Become a MYSQL Master - Udemy	Sep 2020

https://www.udemy.com/certificate/UC-07381592-aa69-4446-9821-999dac48a1ae/

Building Serverless Apps on AWS - LinkedIn	Oct 2020

http://www.linkedin.com/learning/building-serverless-apps-on-aws-2?trk=flagship-lil_details_certification&trk=lil_details_certification

Serverless and Microservices for AWS - LinkedIn	Oct 2020

http://www.linkedin.com/learning/serverless-and-microservices-for-aws?trk=flagship-lil_details_certification&trk=lil_details_certification

Learning Amazon Web Services Lambda - LinkedIn	Oct 2020

http://www.linkedin.com/learning/learning-amazon-web-services-lambda-2?trk=flagship-lil_details_certification&trk=lil_details_certification

How to Install a Free SSL Certificate using Let's Encrypt - Udemy	Oct 2020

https://www.udemy.com/certificate/UC-92c5b377-ccbe-4d5a-9b11-9387a48d7ba3/

Learn to Host Multiple Domains on one Virtual Server - Udemy	Oct 2020

https://www.udemy.com/certificate/UC-4c6e7d8f-01d1-43f7-89f2-94e4851917e1/

How the Internet Works & the Web Development Process - Udemy	Oct 2020

https://www.udemy.com/certificate/UC-1fe8f249-92d2-4a2f-a5ac-f61760b74cff/

Projects

Panchakarma
Research Project(Machine learning usage)
My contribution is feedback validation

Technologies - **Spring BootFramework, ReactJs, MySQL, Flask**

Kerberos Authentication POC Project
Kerberos, Spring Boot

React Chat App
React Hooks and Socket.io
Respotory - https://github.com/dilanSuraj/react-chat-app

CI/CD

Languages

English

Sinhala

Qualities

- More Passion towards back-end development

- Interested in engaging in analytical based activities

- Self motivated

- Ability to work in team environment as well as independently.

Procument Construction Application
Web Based Application
Repository -
https://github.com/dilanSuraj/Procument_Construction_Industry_Repo

Technologies - Spring Boot Framework, AngularJS, PhpMyAdmin, Ionic

Code Complexity Tool
Web Based Application
Repository - https://github.com/gtechninjas/spm-complexity-tool/tree/dilan

Technologies - Spring Boot Framework, Angular JS, PhpMyAdmin

Inventory and Distribution Management System
Web Based Application
Technologies - Spring MVC Framework, Bootstrap, PhpMyAdmin, HQL

Online Help Desk
Web Based Application
Technologies - Java, Bootstrap, MySql

BOC Mobile App
Re-design the App
Repository - https://github.com/gtechninjas/UEE-BOC-APP-FINAL/tree/dilan

Technologes - React Native, Spring Boot Framework

E-Train Book
Web Based Application
Repository -
https://github.com/dilanSuraj/IT17121002_DS_Assignment2

Technologies - React JS, Node/Express

Cab Reservation System
Web Based Application
Technologies - HTML,CSS, Javascript, MySql

E-commerce web application for a T-Shirt Company
Firebase/Firestore Serverless, React Js, Node Js

E-commerce web application for a Phone case shop
Firebase/Firestore Serverless, React Js, Node Js

Food Based E-commerce web application
PostgresSQL, Node Js, DigitalOcean

FB Authentication using Passport JS
github.com/dilanSuraj/FB_Authentication

Chatbot
Python, Tensorflow

Repository - https://github.com/dilanSuraj/chatbot

Spring Security Project
github.com/dilanSuraj/SpringSecurityProject

Musician App
Node JS, React JS, AWS
Repository - https://github.com/dilanSuraj/musician-app

Image Classification Model
Python
Repository - https://github.com/dilanSuraj/PythonClassification

Automated web scrapper
stupefied-mclean-1bc8c3.netlify.app

Simple AR Application
github.com/dilanSuraj/simple-ar-app

Medical appointment no-show appointment predictor model
Python
Repository - https://github.com/dilanSuraj/No-show-appointment-predictor

React google map
React Js, Google Map API
Repository - https://github.com/dilanSuraj/simple-react-google-map-app

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References

Don Rajitha Dissanayake - Tech Lead
Zone24x7 (Pvt) Ltd, Colombo
+94710735974, rajithadon@gmail.com

Voshitha Hettiarachchi - Program Manager
IFS Research & Development (Pvt) Ltd, Colombo
+94772326022, voshitha.hettiarachchi@ifsworld.com