

DILAIN GUNASEKARA

A skilled and result oriented software development undergraduate with excellent analytical skills to solve complex problems. Final year undergraduate student of University of Sri Jayewardenepura with a pro active approach and determination to successfully finish all the assigned projects.



EDUCATION

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| 2017 - Present | BSc in Physical Science - ICT University of Sri Jayewardenepura |
| 2019-Present | BSc (Hons) in Information Technology Specialising in Software Engineering Sri Lanka Institute of Information Technology |
| 2016 | G.C.E. Advanced Level Dharmasoka College |

PROJECTS

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| February 2020 - Present | IOT based System for Detection and Monitoring of Microplastic A device that can detect microplastic in water bodies and calculate the density of the microplastic available in that waterbody using a Raspberry Pi and Machine learning |
| May 2020 - October 2020 | Smoothie Android App Online Juice ordering platform created with android and firebase |
| February 2020 - Present | Human Resource Information System This system is capable of managing employee data, handling payroll, managing ongoing project information, managing vehicle fleet, commencing new training program, publishing announcements and managing equipment details of the company. This was created using MEAN stack. |
| August 2020 - Present | Field Engineer Management System This helps companies deliver effective onsite service by tracking request, managing personnel, and maintaining visibility into operations |

ACHIEVEMENTS

EliXiR 2019 Online Hackathon– 1st Runner Up

Hackathon Organized by the ICT Combination of University of Sri Jayewardenepura.

REFERENCES

DR. RAVINDRA DE SILVA
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05-15-1997

Github
<https://github.com/DSGunasekara>

Web
<https://adsgunasekara.me/>

PROGRAMMING LANGUAGES

- Java
- Python
- Javascript
- C

FRAMEWORKS AND PLATFORMS

- Android
- Angular
- Django
- Nodejs

Databases

- MongoDB
- Firebase
- MySQL
- Postgresql

Version Control

- Git

Design Tools

- Figma
- Adobe XD