

# DILAIN GUNASEKARA

A skilled and result oriented software development intern 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

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

## PROJECTS

February 2020 - Present	<b>IOT based System for Detection and Monitoring of Microplastic</b> 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	<b>Smoothie Android App</b> Online Juice ordering platform created with android and firebase
February 2020 - Present	<b>Human Resource Information System</b> 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	<b>Field Engineer Management System</b> This helps companies deliver effective onsite service by tracking request, managing personnel, and maintaining visibility into operations

## ACHIEVEMENTS

<b>EliXiR 2019 Online Hackathon– 1<sup>st</sup> Runner Up</b> Hackathon Organized by the ICT Combination of University of Sri Jayewardenepura.
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## REFERENCES

DR. RAVINDRA DE SILVA ph.D. (Computer Science & Engineering) Senior Lecture, Department of Computer Science, University of Sri Jayewardenepura. Tel: +97 777404000 Email: ravi@sjp.ac.lk	Prof. Prasad M. Jayaweera Ph.L. and Ph.D. (Stockholm) Head/Professor, Department of Computer Science, University of Sri Jayewardenepura. Tel: +94 11 275 8909 Email: prasad@dscs.sjp.ac.lk
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## CONTACT INFORMATION

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<b>Web</b> <a href="https://adsgunasekara.me/">https://adsgunasekara.me/</a>

## 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