

# Diluxshan Jogasinkam

 Diluxshan06 |  Diluxshan-jogasinkam |  dinuluxshan110@gmail.com |  +94 0765679128

## SUMMARY

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I'm an undergraduate **B.Sc (Honours)** Computer Science student with a strong foundation in **Python**, **Java**, and other programming languages. I have a solid understanding of backend development using **Spring Boot and Django**, and a basic knowledge of building frontend applications using **React**. I'm an enthusiastic and quick learner, eager to deepen my skills through hands-on experience and grow as a **full-stack developer**.

## EDUCATION

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University of Vavuniya

Jul 2021 - Aug 2025

B.Sc (Honours) in Computer Science

Current GPA: 3.73/4.0

## PROJECTS

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Research Project

Oct 2024 - present

**Identification of Sri Lankan Seagrass Species Underwater using Image Enhancement and Deep Learning Techniques**

Applying **image enhancement** and **deep learning** to identify and classify Sri Lankan seagrass species for ecological research.

Customer Details Management System

Apr 2025

Developed a CRUD-based web application using **Spring Boot**, **Thymeleaf**, and **MySQL** to manage customer information. Implemented MVC architecture with form validation and dynamic page rendering.

Blog Management System

Apr 2025

Built a full-featured blog application using **Django**, **PostgreSQL**, and **HTML+Bootstrap**. Implemented user authentication (login/register) and full CRUD operations for blog posts.

Note Management System

Apr 2025

Developed a full-stack note-taking application using **Django (backend)** and **React (frontend)** with **PostgreSQL**. Implemented **JWT-based authentication** and full CRUD functionality for user notes.

## SKILLS

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- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, C++, C .
- **Frameworks & Libraries:** Spring Boot, Django, React.
- **Database:** MySQL, PostgreSQL.
- **Version Control:** Git, GitHub.
- **Tools and IDEs:** IntelliJ IDEA, Postman, MySQL Workbench, VS Code , Visual Studio 2022, PHP-MyAdmin, pgAdmin4.

## REFERENCES

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### **Dr.R.Nagulan**

Senior Lecturer Department of Physical Science,  
Faculty of Applied Science,  
University of Vavuniya.

✉ [nagulanr@vau.ac.lk](mailto:nagulanr@vau.ac.lk)

☎ +94711071289

### **Dr.T.Kartheeswaran**

Senior Lecturer Department of Physical Science,  
Faculty of Applied Science,  
University of Vavuniya.

✉ [karthees@vau.ac.lk](mailto:karthees@vau.ac.lk)

☎ +94779905300

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