

# NAVODA CHATHURYA

## SOFTWARE ENGINEER INTERN

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## Education

### Secondary School Siddhartha College

2006 – 2018

- G.C.E. Ordinary level  
Passed with 8As and 1Cs

### Mahinda College

2018 – 2022

- G.C.E. Advanced level  
Biology-A, Physics-B,  
Chemistry-B

### BSC (HONS) IN INFORMATION TECHNOLOGY

University of Moratuwa

2023–Present

- Current GPA-3.25

### DIPLOMA IN COMPREHENSIVE MASTER JAVA DEVELOPER

IJSE – Institute of Software Engineering  
2025

## Technical Skills

### Programming Language

- Python
- Javascript
- C
- Java
- C#
- Typescript

### Version Control

- GitHub

### Project Management Tool

- Jira
- Click Up

## About Me

I am a third-year IT undergraduate with a solid foundation in Java, JavaScript, and C, and hands-on experience in both web and embedded systems development. I have built full-stack applications using React, Next.js, Spring Boot, and ASP.NET, and developed real-time features such as doctor-patient messaging systems and automated hardware like a microcontroller-based gram dispenser. I'm passionate about building reliable, user-friendly solutions and enjoy applying my skills across both software and hardware domains.

## Projects

### An Arduino-Based Automated Gram Dispenser

Level 1 – Hardware Project

- An automated system designed to accurately weigh, dispense, and seal snack portions, addressing issues such as inconsistent quantities, hygiene, and wastage in commercial settings. The system ensures efficiency and freshness through complete automation.
- **Role:** Embedded Systems Developer
- **Skills:** Arduino, Load Cell Integration, Servo Mechanisms, Embedded C/C++

2023

JULY

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2024

JULY

### JavaFX-Based Course Management System

Individual

- Developed a layered desktop application to streamline course registration, student management, and administrative reporting in educational institutions.
- **Features:** Role-based access for students, faculty, and admins, real-time course enrollment and modification, secure login, CRUD operations for courses and students, and reporting tools for administrators.
- **Technologies:** Java, JavaFX, JDBC, MySQL
- **Link** – <https://github.com/Navoda001/Course-Registration-System>

2025

Feb

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2025

Feb

## Web Development

- HTML
- CSS
- ReactJs
- NextJS
- NodeJs
- Springboot
- ASP .NET Core

## Database

- MySQL
- MSSQL
- MongoDB

## Other

- Figma
- Postman
- Swagger
- Gimp
- Arduino

## Soft Skills

- Problem solving
- Communication
- Creativity
- Team Work
- Time Management

## Participations

- Participated in MoraXtreame 9.0
- Participated in Innovate with Ballerina
- Participated in AlgoXplore 1.0

## REFERENCES

Mr. Kugathsan Shanjeeva  
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Creative Software  
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## TrackMyItem – Full-Stack Lost and Found Management System

Individual

- Developed a web application that allows users to report, search, and claim lost or found items with secure, role-based access for Admins, Staff, and Users.
- **Features:** JWT authentication, real-time item filtering by status (Lost, Found, Claimed), claim request workflow, and an admin panel to manage users and item statuses.
- **Technologies:** React.js (TypeScript), Tailwind CSS, Spring Boot, Spring Security, MySQL, Tailwindcss.

- **Links –**

<https://github.com/Navoda001/Lost-and-Found-Application-Frontend.git>

<https://github.com/Navoda001/Lost-and-Found-Application-backend.git>

## PresCrypt – Full-Stack Doctor-Patient Management System

Level 2 – Software Project

- **Role:** Admin Portal Developer, Real-Time Messaging Module Developer
- Led the development of a secure doctor-patient management system used in healthcare institutions to manage users, appointments, and communication. Built the Admin Portal for managing system reports, doctor approvals, and user control. Also developed a real-time messaging module enabling doctors and patients to communicate with live sending, deletion, and seen-status (blue double ticks), all based on appointment status.
- **Technologies:** Next.js, ASP.NET, MSSQL, SignalR, SMTP Server
- **Design:** Contributed to UML design – Use Case, ER, Class, Activity, Sequence diagrams

- **Links –**

<https://github.com/TechGenPioneers/PresCrypt.git>

<https://github.com/TechGenPioneers/PresCrypt-Backend.git>

2025  
May  
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2025  
June

2024  
june  
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2025  
June