NAVODA CHATHURYA
Software Engineer Intern

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🌐 My Portfolio

ABOUT ME

I am a third-year IT undergraduate with a strong passion for software development. Through my academic journey and project work, I have gained hands-on experience in building full-stack applications using React, Next.js, Spring Boot, and ASP.NET. I have developed strong skills in programming, problem-solving, and creating user-friendly solutions. I am eager to apply and further expand my abilities by contributing to impactful projects while continuously growing and learning new technologies.

EDUCATION

- **Bachelor of Science (Hons) in Information Technology**
  University of Moratuwa | Sri Lanka (2023 - Present) - Expected Graduation : 2027

- **Diploma in Comprehensive Master Java Developer**
  IJSE - Institute of Software Engineering | Galle, Sri Lanka | (2025)

- **G.C.E. Advanced Level Examination**
  Mahinda College | Galle, Sri Lanka | (2017-2021)
  Z-Score - 1.74 - Biology (A), Chemistry (B), Physics (B)

- **G.C.E. Ordinary Level Examination**
  Siddhartha College | Matara, Sri Lanka | (2006-2017)
  Passed with 8As and 1Cs

PROJECTS

- **JMHStore – Medical Center Management System (2025)**   **(Client Project)**

  A web-based management system developed for a medical center to streamline sales, expenses, and stock operations. The system manages medicines batch-wise with expiry alerts and provides role-based access for admins and cashiers. It also generates invoices and daily financial reports, improving accuracy, transparency, and overall operational efficiency while being actively maintained to enhance usability based on client feedback.
  Role: Full Stack Developer
  Skills: Next.js, Spring Boot, MySQL, Docker, Railway

- **PresCrypt – Second Year Software Development Project (2024-2025)**   **(Academic Project)**

  A doctor-patient management system for healthcare institutions with real-time communication features. I developed the Admin Portal and a real-time messaging module, and contributed to UML design (Use Case, ER, Class, Activity, Sequence diagrams).
  Role: Full Stack Developer
  Skills: Next.js, ASP.NET, MSSQL, SignalR, SMTP Server
  Repositories: https://github.com/TechGenPioneers/PresCrypt.git
  https://github.com/TechGenPioneers/PresCrypt-Backend.git

- **TrackMyItem – Lost and Found Items Management System (2025)**   **(Individual)**

  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. Key features include JWT authentication, real-time item filtering, a claim request workflow, and an admin panel for user and item management.
  Role: Full Stack Developer
  Skills: React.js (TypeScript), Tailwind CSS, Spring Boot, Spring Security, MySQL

- **Personal Portfolio (2025)** **(Individual)**

  A responsive personal portfolio website with an interactive UI, project gallery, about section, and contact form. Optimized for both desktop and mobile viewing.
  Role: Frontend Developer
  Skills: Next.js, TypeScript, Tailwind CSS, Motion

- **EventUni – University Event Management Platform (2024)** **(Group Project)**

  A centralized event management platform for Sri Lankan universities to streamline event discovery, creation, and booking. Features include ticket registration, tag-based search, personalized dashboards, and admin tools for reviewing and managing event activities.
  Role: Full Stack Developer
  Skills: React + Vite, Tailwind CSS, Ballerina, MongoDB, Firebase
  Repositories: https://github.com/nethmalgunawardhana/iwb124-the-404s

- **Course Management System (2025)** **(Individual)**

  A desktop Course Management System for educational institutions enabling secure role-based course enrollment, student management, and reporting with real-time availability and record updates.
  Role: Full Stack Developer
  Skills: Java, JavaFX, Layered Architecture, MySQL, Scene Builder

- **Gram Dispenser - First Year Microcontroller Based Application Development Project (2024)**

  An automated system for accurately weighing, dispensing, and sealing snack portions to improve consistency, hygiene, and reduce wastage.
  Role: Embedded Systems Developer
  Skills: Arduino, Load Cell Integration, Servo Mechanisms, Embedded C/C++, Sensoring, Mechanics

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TECHNICAL SKILLS

- **Programming Languages:** Java, C, C#, C++, JavaScript, TypeScript

- **Front-End:** HTML, CSS, React.js, Next.js, Tailwind CSS, Material UI (MUI)

- **Back-End:** ASP.NET, Express.js, Node.js, Spring Boot

- **Databases:** MySQL, MS SQL Server, MongoDB

- **Design Tools:** Figma, GIMP, Adobe Photoshop

- **Project Management:** Jira, ClickUp

- **Version Control:** GitHub

- **Other Tools & Skills:** Postman, Swagger, Arduino, Entity Framework

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CERTIFICATIONS

- Participated in MoraXtreame 9.0
- Participated in AlgoXplore 1.0
- Participated in Innovate with Ballerina (2024)
- Participated in the Advanced Tier of the Final 24-Hour Hackathon of CodeRally 6.0

EXTRACURRICULAR ACTIVITIES

- Senior Prefect of the school for the term (2016-2017)
- Member of the School Debate Team

REFERENCES

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