



# WARUNA BOPITIYA

Software Engineer Intern

## About Me

IT undergraduate skilled in full-stack web development (Next.js, MERN, PHP, JavaScript) seeking a Software Engineering Internship.

[Visit My Portfolio](#)



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Halwala, Matugama

## Language

- English
- Sinhala

## Expertise

- Management Skills
- Creativity
- Marketing
- Digital Marketing
- Critical Thinking
- Leadership

## Projects

### +Change Charity Web Application (Next.js)

*Designed and developed individually*

Built a charity-based web application using Next.js with a fully functional e-commerce merchandise store. The system includes complete frontend and backend functionality with a Neon-hosted database with prisma ORM and currently running in a production environment.

Live : [www.change.pb.lk](http://www.change.pb.lk)

### Rasanya Institute of Higher Education – Official Website

*Designed and developed individually*

Developed the official website for Rasanya Institute of Higher Education using Next.js as an individually built project. Utilized Google Sheets as a database with a custom Google Apps Script backend, and deployed the application on Vercel. The website is live and in active use.

Live : [www.rasanya.lk](http://www.rasanya.lk)

### Moto-Care Vehicle Service Center Management System (MERN Stack, Tailwind CSS)

*Designed and developed as Group Project*

Built a MERN Stack vehicle service management system for Moto-Care (Pvt) Ltd, handling 200+ daily customers. Integrated modules for bookings, job assignments, inventory, payments, invoicing, and user management with role-based JWT authentication. Implemented real-time queue monitoring, MongoDB database for 500+ concurrent records, REST API integration, and Figma-based UI/UX design. Applied Agile methodology with full testing coverage.

## Education

### BSc. (Hons) Information Technology specialized in Information Technology

## Skills Summary

**Languages:** JavaScript, PHP, Java, Python, C++, HTML, CSS

**Frontend:** React.js, Next.js, Tailwind CSS, Bootstrap, Alpine.js, Responsive Design

**Backend & DB:** Node.js, Express.js, JSP/Servlets, MongoDB, MySQL, Firebase, Prisma ORM, Google Sheets (Apps Script)

**Tools & Deployment:** Git/GitHub, VS Code, Postman, Figma, Vercel, Firebase, x10hosting, Render

**Concepts:** RESTful APIs, JWT Authentication, Full-Stack Development, Agile SDLC, Unit & Integration Testing