

# H.K.Bhanuka Shamen Rathnasiri

( Software Engineer )

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## PROFILE

I am a motivated Software Engineer and Computer Science undergraduate with a strong passion for building modern, scalable web applications. I have hands-on experience in full-stack development using React, Laravel, Node.js, Next.js, Angular, MySQL, Python Flask I enjoy solving real-world problems through clean code, efficient system design, and user-focused solutions. I am always eager to learn new technologies, improve my skills, and contribute to innovative development teams.

## PROFESSIONAL EXPERIENCE

**Cybernetic Software Solutions** 08/2025 – Present  
*Intern Software Engineer* Battaramulla.  
No 1180, rajamalwatta Road, Battaramulla  
<https://cybernetic.lk/> [🔗](#)

## EDUCATION

**Bachelor of Computer Science** 2021  
*Eastern University Srilanka* Trincomalee  
<https://www.tc.esn.ac.lk/> [🔗](#)

**G.C.E. Advanced Level** 2018 – 2020  
*PO/Thopawewa National Collage* Polonnaruwa  
( Combined mathematics - C, Chemistry - C , Physics - C )  
<https://thopawewa.lk/> [🔗](#)

## SKILLS

- Software development
- Internship experience
- Banking knowledge
- Project management

## LANGUAGES

Sinhala

English

## PROJECTS

### 1. Inhouse Patient Management System for Private Hospital [🔗](#)

Designed and developed a private hospital patient management system covering the full lifecycle from admission to discharge, with role-based access, real-time doctor–nurse chat, digital approvals, and a responsive, user-friendly interface.

### 2. Cabana Haven : Full-Stack Hotel Booking & Marketing Platform [🔗](#)

Developed a full-stack hotel booking and marketing platform with a responsive React + TypeScript frontend and a Laravel RESTful backend. Implemented booking lifecycle management, form validation, reusable UI components, and secure API endpoints using MVC architecture and Eloquent ORM.

### 3. Farm Management System (AGRO PULSE) [🔗](#)

Developed a full-stack farm management system using React (Tailwind CSS), Flask, and MySQL, featuring CRUD operations for crops, expenses, income, and stock with a responsive UI and scalable RESTful architecture.

#### 4. Inventory-Order-Management-System : Full-Stack Application

Developed a full-stack inventory and order management system using Angular, ExpressJS, and MongoDB, featuring CRUD operations, RESTful APIs, a dynamic user interface, and real-time data updates.

#### 5. Note Master : Full-Stack Application

Developed a full-stack Note Management Application using Angular, Flask, and MySQL, featuring complete CRUD functionality through RESTful APIs. Designed a clean, modular, and scalable architecture with a focus on performance, maintainability, and user-friendly UI.

### QUALITIES

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- Teamwork
- Problem-solving
- Time management
- Communication
- Adaptability
- Critical thinking
- Attention to detail
- Creativity
- Leadership

### TECHNOLOGIES

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#### 1. Languages

JavaScript, TypeScript, HTML, CSS, Python, PHP

#### 2. Framework and Libraries

React, Angular, Laravel, NodeJs, NextJS, TailwindCSS, Flask, ExpressJS

#### 3. Database

MySQL

#### 4. API Development

RESTFUL API

#### 5. ORM

Prisma, Laravel Eloquent

#### 6. Design Tools

Adobe Photoshop, Adobe Illustrator, Figma, Canva

### VOLUNTEERING

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#### President

TRINCO PULSE Official Media Unit, Trincomalee Campus.

<https://www.facebook.com/TrincoPulse/> 

### REFERENCES

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#### Mr. S.Thadchanamoorthy

Dean,  
Department of Computer Science,  
Faculty of Applied Science,  
Trincomalee Campus, EUSL.  
thadchanamoorthy@esn.ac.lk

#### Mr. K.Krishnaraj

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