

K.G.B.Chathuranga lakmal

+94 70 53 63 091 | lkc.buddhima@gmail.com | [Portfolio](#)

[in](#) lakmal C. Buddhima | [GitHub](#) Profile

Balangoda, Rathnapura - 70100, Sri Lanka

ABOUT ME

Motivated software engineering undergraduate who is pursuing BSc (Hons) in Information Technology with excellent time management and hands-on experience in developing software solutions for the real world. Skilled in creating user-friendly, efficient, and innovative solutions. I am a quick learner, dedicated to improving skills and delivering high-quality projects while collaborating effectively in team environments and working under any circumstances, dealing with problems in a resourceful manner.

EXPERIENCE

• Vendors Coordinator

ETHIQLO MARKET PLACE

Remote, Sri Lanka

2020

- Contact Vendors and Registering to ETHIQLO web portal.
- Providing users with proper guidance and consultation.

TECHNICAL SKILLS

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|---------------------|----------------|-------------------------------|--------------------|
| • JavaScript (ES6+) | • Express.js | • AWS (EC2/S3) | • Machine Learning |
| • Axios | • RESTful APIs | • Git | • Agile |
| • Python | • MongoDB | • GitHub | • Figma |
| • Java | • MySQL | • CI/CD | • Adobe photoshop |
| • C# | • HTML5 | • React Native (Intermediate) | • VS Code |
| • PHP | • CSS3 | • Postman | • JIRA |
| • React.js | • Bootstrap | • Android SDK | • Pandas |
| • Node.js | • Tailwind CSS | | • scikit-learn |

SOFT SKILLS

- Familiarity with React and frontend development.
- Strong passion and attitude of learning, growth and adaptability.
- excellent communication skills and collaboration skills.
- strong problem solving and attention to detail.
- Passion, thoughtfulness, and self-motivated.

TECHNICAL PROJECTS

• Secure Postal Mobile App (UI/UX Design)

Figma | Prototyping

2024



- Developed interactive prototypes for core flows, document encryption (AES-256), key exchange, and decryption
- Implemented onboarding sequence with security awareness microcopy and visual storytelling
- Created dual-mode interface for technical/non-technical users with contextual crypto explanations
- Built component library with 30+ reusable UI elements including custom encryption status indicators
- Integrated cryptographic workflow visualization using Figma Smart Animate transitions

• Tech Trick Nexus-Wordpress Blog

Wordpress

2024



- Features clean, responsive, and user-friendly navigation.
- Organized content into categories like "Gadget Gallery" and "Tech Hacks".

• Cleaning Service Management System (24h Mini-Project)

MERN Stack | REST API | MVC Architecture | Tailwind Css | GitHub | Git-Version Controlling

Nov 2024



- Engineered full-stack management system with admin dashboard using MERN stack
- Implemented RESTful API endpoints for CRUD operations with Axios integration
- Designed responsive UI with Tailwind CSS and Bootstrap components

• Secure Postal Communication System

Cryptography | RSA | AES-256 | MERN Stack | Bootstrap | JWT Auth | Axios | Git | GitHub

Jun 2024



- Developing encrypted messaging platform with RSA and AES-256 cryptographic implementation
- Integrating PKI infrastructure for CIA triad compliance in data transmission
- Building MVC architecture with JWT authentication and rate limiting

- **Food Delivery Mobile App** 2024
[G]
Android SDK | Firebase | Java | Material Design
 - Developed Java-based Android application with Firebase Realtime Database
 - Implemented cart management and order tracking system with CRUD operations
 - Optimized UI/UX following Material Design principles for simulated users
- **E-Commerce Mockup Generator** 2023
[G]
PHP 8 | Bootstrap | REST | MVC Architecture
 - Built responsive frontend with Bootstrap grid system and CSS animations
 - Created custom PHP backend with file management and user session handling
 - Implemented MVC pattern with separation of concerns for maintainability
- **Student Enrollment POS** 2023
[G]
C# | SQL Server | Windows Forms | Visual Studio
 - Developed Windows-based POS system with student registration workflows
 - Designed normalized database schema with SQL Server integration
 - Automated report generation using Crystal Reports and CSV exports
- **Hotel Management System** 2022
[G]
Java SE 11 | MySQL | JDBC | Swing GUI | Netbeans
 - Created inventory management module with MySQL database connectivity
 - Implemented booking system with JDBC transactions and error handling
 - Developed Swing-based GUI with form validation and data visualization

EDUCATION

- **BSc(Hons) in Information Technology** *Malabe, Sri Lanka*
Jun 2021 - May 2025
Horizon Campus
 - Undergraduate(current GPA-3.48)
- **Diploma in Information Technology** *Bambalapitiya, Sri Lanka*
2020
Esoft Metro Campus
 - Pearson Certification achieved
- **Diploma in English** *Bambalapitiya, Sri Lanka*
2020
Esoft Metro Campus
 - Pearson Certification achieved
- **G.C.E.Advanced Level Examination** *Balangoda, Sri Lanka*
2019
Ananda Maithreya Central College
 - Science Stream
- **G.C.E.Ordinary Level Examination** *Balangoda, Sri Lanka*
2015
Ananda Maithreya Central College
 - English Medium

CERTIFICATIONS

- Javascript Essential course-Cisco networking academy
- Pearson Certified in Information Technology-ESOFT Metro Campus *Dec 2021*
- Pearson Certified in English-ESOFT Metro Campus *Jun 2022*
- [Intro to SQL-Kaggle](#) *Jun 2024*
- [Feature Engineering-Kaggle](#) *Jun 2024*
- [Intro to Deep Learning-Kaggle](#) *Jul 2024*
- [Computer Vision-Kaggle](#) *Aug 2024*
- [Feature Engineering-Great Learning](#) *Aug 2024*

REFERENCES

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|---|---|
| 1. Mr. D.S.P.M PERERA
Senior Software Engineer
Calcey Technologies
Phone: +94 70 2129 472
dspmperera@gmail.com | 2. Mr. B.S.CHATHURANGA
Police, Accountant
Police Head office
Phone: +94 71 647 3782 |
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