

CHARUKA M. BANDARA

Contact

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- 03, Udugama, Essella, Sri Lanka

PROFESSIONAL SUMMARY

Enthusiastic IT undergraduate specializing in web application and AI development. Experienced in building full-stack solutions using React, Flask, and PHP, and applying machine learning for intelligent web systems. Proven record of completing projects that combine front-end interactivity, backend logic, and AI-powered insights. I am seeking a Web Application & AI Internship to contribute innovative ideas while advancing expertise in modern frameworks and applied ML.

TECHNICAL SKILLS

- Languages: C, C++, Java, Python, C#, JavaScript, PHP
 - Web Technologies: HTML5, CSS3, Responsive Design
 - Frameworks & Libraries: Flask, WordPress, E-commerce Frameworks
 - Databases & Backend: MySQL, Firebase, RESTful APIs
 - AI & Data Tools: Scikit-learn, Flask API, Data Analysis, Predictive Modeling
 - Tools & Platforms: Git, GitHub, Linux, Bash, Adobe Creative Suite
 - Core Concepts: Object-Oriented Programming, Version Control, UI/UX Design, Agile Development
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PROJECTS

1. WhaleLink – AI Conservation Platform (Ongoing)
 - AI-powered marine monitoring system predicting whale behavior. Built web dashboard using React and Flask, integrating Python ML and API pipelines for real-time analysis.
2. DotCom Mobile E-Shop — GitHub: [ArtXpert-Code/DotCom-Mobile-E-Shop](https://github.com/ArtXpert-Code/DotCom-Mobile-E-Shop)
 - Developed responsive PHP-MySQL e-commerce platform with secure payments, cart management, and optimized UI/UX for mobile users.
3. CampusHub – University Management System
 - Created dual-portal C# application for course and grade management with SQL integration, improving academic process automation.
4. AI Predictive Apps Suite
 - Built Flask APIs for diabetes and house price prediction using Scikit-learn, focusing on data preprocessing and model deployment.

5. Personal Portfolio Website — GitHub: SLxnoat/my_portfolio
 - Designed and deployed responsive portfolio using HTML5, CSS3, and JavaScript to showcase technical and creative projects.
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EXPERIENCE

Founder & Graphic Designer – ArtXpert Design Brand | 2022 – Present

- *Established profitable design business delivering branding materials and illustrations using Adobe Creative Suite.*
- *Managed workflow balancing creative production and technical learning.*

Content Creator & Digital Entrepreneur – XnoatSL Gaming | 2021 – Present

- *Developed and maintained online brand presence across digital platforms.*

Founder – ArtXpert-Code Brand | 2024 – Present

EDUCATION

Bachelor of Science (Hons) in Information Technology(reading)

- Horizon Campus, Malabe, Sri Lanka | Expected Graduation: 2027
- Focus Areas: Software Engineering, Web Application Development, Mobile Apps, AI Systems

G.C.E. Advanced Level (Biology Stream)

- Bandaranayake College, Gampaha | Completed: 2020

Certifications: Udemy, Kaggle, DP Education(reading) (Programming, Web Dev & Data Science)

EXTRACURRICULAR ACTIVITIES

- Leadership & Mentorship: Guided peers in programming, web development, and academic projects.
 - SDG Project Contributor: Collaborated on Share2Care donation platform promoting digital inclusion.
 - Football Captain leading Horizon Campus team in inter-university tournaments.
 - Former Editor for Sports Council, Leo Club, and Rotaract Club of Horizon Campus.
 - Member – Leo Club of Colombo Knights, involved in organizing community service projects.
 - Cadet (Sergeant rank) demonstrating leadership and discipline.
 - Traditional Kandyan Dancer participating in cultural events.
 - Cricketer and Football Player representing school-level teams.
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REFERENCES

Mr. Thilina Samarasinghe

Lecturer, Horizon Campus

thilina.samarasinghe@horizoncampus.edu.lk

Ms. Shirmila Siriweera

Lecturer, Horizon Campus

shirmila@horizoncampus.edu.lk