

# Binuth Nenuka Jayamaha

## IT Undergraduate | INTERNSHIP



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### Contact

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### PERSONAL DETAILS

Date of birth - 25th of February 2003  
Nationality - Sri Lankan  
Civil status - Single

### PERSONAL SKILLS

- Team Leadership
- Collaboration & Teamwork
- Effective Communication
- Strategic Thinking
- Decision Making
- Prioritization & Time Management
- Attention to Detail

### Technical Skills & Tools

- **Languages:** JavaScript, Java, PHP, C++, C, HTML, CSS
- **Databases:** MySQL, MongoDB, SQL Server
- **Tools:** Git/GitHub, VS Code, Android Studio, Figma, Trello
- **Testing:** Selenium
- **Design:** Figma, draw.io
- **Other:** REST API, Agile, SDLC, Basic Networking & Cybersecurity

### GENERAL INTERESTS

- Emerging Technologies
- Social Sciences
- Politics & Current Affairs
- Agriculture & Agri-Tech

### PROFESSIONAL EDUCATION

**Higher Diploma in Information Technology (HDIT)**  
**Sri Lanka Institute of Information Technology – SLIIT**  
**City Uni**

Mar 2024 – Present (Reading)

- Strong foundation in computer architecture, operating systems, and networking.
- Experienced in software development lifecycle (Agile & Waterfall).
- Skilled in programming (Java, C++, C) and database management (MySQL, SQL).
- More things

### Maliyadeva College

2008 – 2022

G.C.E. Advanced Level – 2022 (Science Stream)

- Chemistry – C
- Physics – S
- Combined Mathematics – S(2023)

G.C.E. Ordinary Level – 2019

- 3 A's and 6 B's

### PERSONAL PROFILE

I am a committed IT undergraduate with a solid foundation in software development, web technologies, and database systems. I enjoy working on solutions that are both efficient and user-friendly, while constantly learning new technologies to strengthen my capabilities. I plan to pursue a **Top-Up Degree in Computer Science at the University of Bedfordshire (SLIIT City University)** and aspire to become a competent software engineer who can develop practical and impactful solutions for real-world needs.

## PROJECT EXPERIENCE

### **(University Projects)**

- **AgreePath** – Agriculture E-commerce & Guidance Platform  
PHP, MySQL, HTML, CSS, JS – Bilingual (Sinhala/English) site for farmers to sell products and view planting guides; added chatbot, dark/light mode, and secure CRUD system.
- **Hospital Management System**  
Java, JDBC, MySQL, Swing – Desktop app (appointments, billing, patient data) using layered (Code–Connection–Interface) architecture and OOP design.
- **Crop master Web Application**  
Node.js, MongoDB, Bootstrap – Full-stack MERN app with responsive UI, CRUD operations, JWT authentication, and JSON API handling.
- **Algorithmic Java Apps**  
Java – GUI/CLI demos for sorting, searching, and dynamic programming algorithms with time complexity visualization.
- **GoldenTreat** – Bakery Management System (Group Project)  
PHP, JS, MySQL, Bootstrap – Designed sales & billing modules and added online product-selling for a real bakery client.
- And Other Related Project

### **(Individual Projects)**

#### **AgreePath – Agriculture E-commerce & Guidance Platform**

- Conceptualized and developed the first version as part of the WAD module assessment project, **successfully** implementing a working prototype.
- Independently decided to further enhance it into a full-fledged platform and future mobile application.
- **Planned features include:**
  - Advanced crop guidance using accurate agricultural data
  - AI-powered chatbot for real-time user assistance
  - Intelligent crop recommendations based on weather, soil, and environmental conditions
  - Expansion to a mobile application for accessibility

## Extra-Curricular & Leadership

- Co-President, Students' Council – SLIIT City Uni Kurunegala (2024–Present)
- Batch Representative, HDIT 2024 Batch
- Sports :  
Scouts | Swimming | volleyball | Athletic | Table Tennis.

## RELATED REFEREES

### **Mr.Pubudu Senanayake**

Lecturer- Faculty of Computing  
Sri Lanka Institute of Technology  
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+94710371717

## NON RELATED REFEREES

### **Mr. Pasindu Samarasinghe**

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I do hereby certify that the facts and details furnished above are true and accurate to the best of my knowledge and belief.

Faithfully,

J.M.D.B.N. JAYAMAHA