

# SHANUKA AMANTHA

## Software Engineer Intern

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## Summary

An enthusiastic and dedicated individual eager to learn, adapt, and take on challenges. Passionate about enhancing technical skills while contributing effectively to a dynamic team. Committed to achieving goals with efficiency, precision, and a strong work ethic in a professional environment. Seeking an internship opportunity to apply my knowledge, gain hands-on experience, and make a meaningful contribution to the organization.

## Projects

### Agricultural Marketplace - Farmlink

Jan 2024 - Apr 2024

FarmLink is an innovative agricultural marketplace designed to streamline the buying and selling of farm products and services. Key features include Advanced Inventory Management, Intelligent Bidding System, Comprehensive Admin Dashboard, Flexible Discount Mechanism, Integrated Delivery Logistics, Customer Engagement Tools.

- Technologies : MERN Stack
- Role : Full Stack Developer

### Advanced Calculator Application - Calc Notes

Nov 2024 - Dec 2024

Inspired by the innovative iPad Math Notes/Calculator app using GEMINI API, this project combines AI-powered math recognition with an intuitive drawing and calculating interface. Ideal for beginners and experienced developers, it offers hands-on experience.

- Technologies : TypeScript, Python, JavaScript, CSS, HTML
- Role : Full Stack Developer

### Task Managing Mobile App - InkPad

May 2024 - Jun 2024

InkPad is your ultimate task manager on Android, offering seamless productivity with its intuitive features. With full CRUD (Create, Read, Update, Delete) operations, you can effortlessly manage tasks. Its robust search functionality ensures you never lose track of important details.

- Technologies : Kotlin, Java, SQLite
- Role : Full Stack Developer/ Mobile App Developer

### Text Based Slot Machine

Dec 2024 - Dec 2024

This Python text-based slot machine game lets users deposit money, place bets, and spin to win. It features user input handling, loops, functions, conditional statements, arithmetic operations, and string formatting, running until the user quits.

- Technologies : Python
- Role : Python Developer

## Education

### Sri Lanka Institute of Information Technology (SLIIT)

Oct 2022 - Present

- BSc (Hons) Information Technology

### Royal College Panadura

Jan 2019 - Jan 2021

- GCE Advanced Level - Physical Science Stream
- Results : Combined maths - S, Chemistry - S, Physics - C
- Index No : 5776759

### Royal College Panadura

Jan 2017

- GCE Ordinary Level
- Results : A8, B1      Index No : 71130489

# Technical Skills

**Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript, Kotlin  
**Libraries / Frameworks:** React, Express.js, Node.js, Vue.js, Spring Boot, Tailwind CSS, Bootstrap  
**Tools / Platforms:** Git, VS Code, Postman, Azure Boards, Figma  
**Databases:** MySQL, MSSQL, MongoDB, Firebase

# Certificates

SQL (Advanced) Certificate  
*HackerRank*

JavaScript (Intermediate) Certificate  
*HackerRank*

Problem Solving (Intermediate) Certificate  
*HackerRank*

Google Cloud BigQuery and Firebase  
*Google*

Build data analytics solutions using Azure Synapse serverless SQL pools  
*Microsoft Azure*

Secure data and manage users in Azure Synapse serverless SQL pools  
*Microsoft Azure*

Use Azure Synapse serverless SQL pools to transform data in a data lake  
*Microsoft Azure*

**Awards** Nov 2024

Benchmark 3.0 | Bootcamp & Hackathon - Participant  
*AIESEC in SLIIT*

# Volunteer Experience

Member 2023 - Present  
*LEO in SLIIT*

Competitor and Content Department Member 2023 - Present  
*GC in SLIIT*

Video Editor 2023 - Present  
*IEEE in SLIIT*

# Non-Technical Skills

Team Working	Problem Solving	Communication skills
Leadership skills	Adaptability	Working under pressure

# Non - Related Referees

DR. Nathali Silva Assistant professor faculty of computing @ SLIIT Email : nathali.s@sliit.lk	DR. Samantha Rajapaksha Head/Department of IT Senior Lecturer @ SLIIT Email : samantha.r@sliit.lk Phone : 0117544802   0714121097
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