

# THINAL JAYAMANNA

## SOFTWARE ENGINEERING UNDERGRADUATE

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### SUMMARY

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Motivated software engineering student passionate about solving real-world problems with innovative, user-friendly solutions. I've applied my skills in academic projects and hackathons, and I enjoy collaborating with other developers. Volunteering with IEEE has built my leadership and teamwork skills, and I'm excited to join a dynamic team.

### PROFESSIONAL EXPERIENCE

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#### People's Bank — Trainee / Intern

Mar 2022 – Sep 2022

- Assisted staff with workstation setup and daily IT support tasks.
- Maintained confidentiality and followed secure procedures.
- Handled customer interactions, created bank accounts, and assisted with daily transactions, including deposits, withdrawals, and payments.
- Provided information on bank products and services to enhance customer experience.
- Performed device condition checks and recorded inventory in Excel.
- Maintained confidentiality and followed secure procedures.

### EDUCATION

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#### BSc (Hons) in Software Engineering

Mar 2022 – Mar 2026

SLTC Research University (2022–Present)

- GPA: 2.8

#### Diploma in Spoken English

Mar 2021 – Aug 2021

British Way English Academy

#### G. C. E. Advanced Level

2018 – 2020

Weera Keppetipola Central College

#### G. C. E. Ordinary Level

2012 – 2017

Weera Keppetipola Central College

### PROJECTS

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#### • AI-Powered Career Guidance System

System to help users identify suitable tech roles based on their personality traits and skills

Tech: Python, Flask, Machine Learning, Web Development

#### • Smart Fan Control using Image Processing

A gesture-based fan control system designed to provide touchless operation by detecting hand movements.

Selected as Top 5 among 50+ teams at TCC2 (SLTC).

Tech: OpenCV, Python, Image Processing

#### • Final Year Project — Data Privacy in Cloud Storage with Client-Side Chunk-Based Encryption

A secure cloud storage system designed with client-side chunk-based encryption to enhance privacy and scalability.

Integrated zero-knowledge encryption and fault-tolerant recovery mechanisms to improve reliability.

Tech: React.js, Node.js, MongoDB, Amazon S3

## TECHNICAL & PROFESSIONAL SKILLS

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|--------------|----------|-----------|----------|
| • HTML/CSS   | • Python | • Dart    | • Git    |
| • JavaScript | • Java   | • Flutter | • GitHub |
| • PHP        | • C      | • Figma   | • AWS    |

## SOFT SKILLS

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|----------------------------|--------------------|------------------------|
| • Leadership & initiative  | • Creativity       | • Video Editing        |
| • Teamwork & collaboration | • Content Creation | • Strong communication |

## CERTIFICATIONS

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- **Fundamentals of Quality Assurance** - Alison
- **How to create a Jira SCRUM project** - Coursera
- **Bridging Program for IT Disciplines** - SLTC

## VOLUNTEERING

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- **Codemia v3.0** - Content Creation Team Member
- **IEEE GISLA 2024** - Content Creator: Bridging

## REFERENCES

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### **Chulaka Kanishka Bandara Udangamuwa**

Branch Manager at Peoples Bank, Sri Lanka

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### **Chathumini Kavishya**

Teaching Assistant

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