

# Thenuka Ubayasena

## SOFTWARE ENGINEER - INTERN

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 LinkedIn  GitHub

### PROFESSIONAL SUMMARY

*Creative and detail-oriented Software Engineering graduate with practical experience in UI/UX design and front-end development. Skilled in designing intuitive interfaces and developing responsive web applications using modern frameworks. Passionate about building user-centered digital experiences that balance functionality and design.*

### EDUCATION

**BEng (Hons) in Software Engineering - Second Class Upper Division | Feb 2021 to July 2025**

*Informatics Institute of Technology (IIT), Sri Lanka*

**GCE Advanced Level (Physical Science) | 2020**

*Dharmaraja College, Kandy*

**GCE Ordinary Level | 2017**

*Kegalu Vidyalyaya, Kegalle*

### SKILLS

- **UI/UX Design:** Wireframing, Prototyping, User Flows, Usability Testing, Design Systems
- **Frontend Development:** HTML5, CSS3, JavaScript, React.js, Bootstrap, TailwindCSS, Responsive Design
- **Other Technical Skills:** Java, Python, Node.js, REST APIs
- **Databases:** MongoDB, MySQL
- **Tools:** Figma, GitHub, Postman, Google Colab, VS Code
- **Soft Skills:** Communication, Problem-Solving, Collaboration

### PROJECTS

**Final Year Research Project - EduGuide Sri Lanka | [Link](#)**

*A smart recommendation platform for A/L streams and universities in Sri Lanka*

- Full-stack educational recommendation platform
- Designed UI/UX wireframes and mockups based on user personas
- Developed frontend with React.js, ensuring responsive, user-friendly interfaces
- Integrated ML models to recommend A/L streams and universities based on user input
- Built and deployed a chatbot with semantic search using Sentence-BERT
- **Tech Stack:** React.js, Flask, Node.js, MongoDB, Python, Figma

**Client Project - CocoBudget Travels | [Link](#)**

*Modern Travel Assistant Web Application*

- Designed and developed a responsive web application for a travel services provider
- Implemented dynamic booking interfaces and optimized performance for mobile and desktop
- Responsive and animated React UI
- **Tech Stack:** React.js, Tailwind CSS, Styled Components, Framer Motion

**Client Project - Fire Triangle | [Link](#)**

*Fire Safety Solutions Web Application*

- Built a professional website for a fire safety solutions company, focusing on user-friendly navigation and brand consistency
- Integrated service descriptions, contact forms, and SEO best practices
- **Tech Stack:** React.js, Tailwind CSS, Styled Components, Framer Motion

## Group Project (2<sup>nd</sup> year) - Athletics Pose Detection | [Link](#)

*Machine learning-based athletics pose detection/correction mobile app*

- Focused on analyzing throwing postures for discus, shotput, and javelin athletes
- Implemented MoveNet for pose estimation and provided corrective feedback
- Added features: diet plans, training schedules, nearest athletic grounds, and throw distance tracking
- **Tech Stack:** Flutter, Dart, Python

## CERTIFICATIONS

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### Professional Certificate in Java Programming - Level 1 | [Link](#)

*Professional Development Unit, Informatics Institute of Technology (IIT)*

- Gained a strong foundation in Core Java, OOP principles, and Collections Framework
- Hands-on experience with JDBC, JavaFX, multithreading, and exception handling
- Built a project applying best practices in Java development

## ACCOMPLISHMENTS

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### Experience

*Freelance Web Developer (April 2025 - Present)*

- Developed responsive full-stack web applications; all projects available on GitHub.

*Event Planner – Lankan Vibes (Dec 2020 - July 2023)*

- Organized concerts, charity events, and exhibitions; managed logistics and team coordination.

*Photographer & Editor – Dharmaraja College Photography Club*

- Covered official school events and edited images for publications and competitions.

### Extracurricular Activities

*Table Tennis*

- South Asian Games Under 15 Team Gold Medalist - Pakistan, 2016
- Asian Championship Under 15 Team Participant - Thailand, 2016
- Awarded the Highest School Colors at Dharmaraja College (Dagoba) - 2019
- Named Best Sportsman of the Year (2016-17) at Kegalu Vidyalaya
- Represented Sri Lanka 3 times as a Junior National Player (Pakistan, Thailand & Maldives)

## REFERENCES

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### Banuka Athuraliya

CEO - Andro Dollar Network

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### Devon Wijesinghe

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