



RUCHITH JAYARATHNA

Software Engineer - Full Stack

📍 380 A, Moratuwakanda Road, Galagedara, Padukka

☎ +94 77 229 0321 ✉ ruchithjay1@gmail.com

[in Ruchith Jayarathna](#) [RuchithJay.](#) [Personal Website](#)

PERSONAL STATEMENT

I am an undergraduate Software Engineering student currently pursuing my degree at IIT (Informatics Institute of Technology). I enjoy creating intuitive and attractive applications which would make life easy and fun for users. My main skills are coding (Java, Python, HTML, CSS, TypeScript), and prototyping (Figma, Adobe XD, Adobe Photoshop) applications.

EDUCATIONAL BACKGROUND

Diploma in International Relations May 2026 - Present
Bandaranayake Center for International Relations

BEng (Hons) Software Engineering (Undergraduate) Sep 2023 - Present
Informatics Institute of Technology affiliated with University of Westminster (UK)

Foundation Certificate in Higher Education Sep 2022 - May 2023
Informatics Institute of Technology

GCE Ordinary Level (2018)
Negombo South International School, Nittambuwa

WORK EXPERIENCE

Software Engineer - Full Stack (Intern) June 2025 - Present
Syeta Labs

CODING PROJECTS

01. QR Ordering application with integrated POS system

- A web based multi-tenant QR ordering application created for a small coffee shop chain using **Next.js + TypeScript** and using **Neon db + Cloudflare R2** (object storage)

02. A blogging site handled by a headless CMS

- A blog page created for Syeta Labs using **Astro (Tailwind CSS) + TypeScript** and integrating a **Strapi CMS**.

03. Single Page Company Site

- A single-page website created for Syeta Labs using **Next.js (TypeScript)** and **Tailwind CSS**.
- Integrated a **Notion DB** to easily handle contact forms.

04. A minimal author site

- A minimal author website created to showcase my novels and upcoming comics using **Next.js (TypeScript)** and **Tailwind CSS**.

05. Character Shape Generator

- A **Java** Swing-based GUI tool that generates ASCII-art shapes (squares, triangles, diamonds, pyramids) using simple text commands.

06. A Discord-bot to track RSS feed

- A Discord-bot that uses **JavaScript** to track and deliver updates from RSS feeds directly to designated Discord channels.
- Implemented features for parsing XML data, scheduling updates, and optimizing performance to ensure real-time delivery of information

07. A basic Discord chat bot

- A Discord chatbot using **Python** to process user commands and automate responses.
- Integrated with APIs for real-time data retrieval and implemented features such as custom commands, moderation tools, and scheduled messages

08. Color Picker Tool

- A simple web-based color picker tool done using **HTML, CSS** and **Java Script**.
- Ability to generate a colour pallet from an uploaded image.
- Simple and minimalistic, mobile responsive design.
- You can also select from which format you want your color code in (HEX, RGB, HSL).

SKILLS

Programming Languages

- Java
- Python
- Java Script
- Type Script

Back-end / Serverside

- Spring Boot
- NestJs
- Node

Cloud and DevOps

- Netlify
- Vercel
- Firebase

Frameworks

- React
- Astro
- NextJs

Databases

- MongoDB
- Neon

BaaS

- Supabase
- Convex
- Firebase

Soft Skills

- Team collaboration
- Problem solving
- Project management
- Flexibility

LANGUAGE PROFICIENCY

- English
- Sinhala
- German (elementary proficiency)

EXTRA-CURRICULAR ACTIVITIES

- Playing chess
- Actively writing web-novels and fan fiction
- Member of Data Analytics Society of IIT
- Digital content creation
- Play badminton in free time
- Pixel art design and drawing

REFEREES

Nethmi Wijesinghe

Assistant Lecturer | SE Level 5 Coordinator
School of Computing,
Informatics Institute of Technology.
Email: nethmi.wi@iit.ac.lk
Tele:+94 769 030 880

Priyantha Collonnege

Head of Agriculture,
Link Natural Products (Pvt.) Ltd.
Email: priyanthacollonnege@gmail.com
Tele: +94 710 395 074