



SANJULA KUMARASINGHE

UNDERGRADUATE- COMPUTER SCIENCE & ENGINEERING
UNIVERSITY OF MORATUWA, SRI LANKA

CONTACT

- +94 71 335 7174
 sanjulakumarasinghe@gmail.com
 Kandalanda, Pallwela.
11150
 github.com/sxnjulx
 linkedin.com/in/sanjula-kumarasinghe

SKILLS

- Programming Languages:**
Java | JavaScript | Python
- Technical Fields:**
Full Stack Development |
Machine Learning
- Databases:**
MySQL | PostgreSQL |
MongoDB
- Tools & Services:**
AWS | Git | Terraform
- Frameworks/Libraries:**
ReactJS | Spring Boot | Spring
Security | ExpressJS | AngularJS
| REST API | GraphQL

CERTIFICATIONS

- Coursera Certificate on Generative
AI with Large Language Models

REFERENCE

Dr. Thanuja D. Ambegoda
Senior Lecturer,
Department of Computer Science &
Engineering,
University of Moratuwa, Sri Lanka
Phone: +94 (70) 26 55 273
Email : thanujaa@uom.lk

Mr. Amila Manathunga
Head of Engineering
GTN Technologies (Pvt) Ltd.
Phone: +94 (77) 336 2792



PROFILE

Motivated and adaptable Computer Science undergraduate with strong skills in web and backend development. Eager to learn and take on new challenges as a developer.



WORK EXPERIENCE

- University of Moratuwa** 2025 JAN- PRESENT
Teaching Assistant
- Assist first-year students in the Program Construction module supporting continuous assessments, conducting viva evaluations, and helping address learning gaps through concept clarification and guidance
- GTN Technologies (Pvt) Ltd** 2023 Nov - 2024 May
Software Engineer Intern
- Built responsive apps using Angular, ReactJS, and Spring Boot, with features like SSO, i18next, Node scripts, and custom widgets.
 - Worked in a Scrum team using Jira, AIO Test, and GitLab for collaboration, testing, and version control.



PROJECTS

- Ultra-Fast Spectral Matching for Protein Identification**
- Developed a scalable application for diaPASEF spectral matching using Siamese networks, enabling fast and accurate protein identification with composite indexing and vector databases.
 - Tech Stack: Python, PyTorch, AlphaTims, AlphaPeptDeep, FAISS, Panel**
- Smart POS for Supermarket**
- Developed an online POS system with inventory, employee, and sales management features for supermarket operations.
 - Tech Stack: ReactJS, Spring Boot, Spring Security, Spring Data JPA, PostgreSQL, GraphQL API, REST API, JWT**
- E-voting system Prototype**
- Built a secure online election system using cryptographic techniques to protect the voting process.
 - Tech Stack: ExpressJS, MongoDB, React Native, REST API**



EDUCATION

- BSc. Engineering (Hons) in Computer Science & Engineering**
University of Moratuwa 2021 - 2025
GPA: 3.37
- AAT Sri Lanka Level 1 & 2**
NMPI NEW MONTANA, GAMPAHA 2019 - 2020
- Bandaranayake College Gampaha**
G.C.E A/L 2019: 3As (Physical Science) 2010 - 2019
G.C.E O/L 2016: 9As