






NETHMI ASINSALA GUNARATHNA

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 GitHub |  LinkedIn

PROFESSIONAL SUMMARY

Motivated **Bachelor of Information Technology (External) undergraduate at the University of Colombo** with a strong foundation in software development, database systems, and web technologies. Experienced in applying theoretical knowledge to practical projects to build efficient, user-focused applications. A fast learner with strong problem-solving skills, teamwork abilities, and a commitment to continuous professional growth in the IT industry.

ACADEMIC QUALIFICATIONS

- **Bachelor of Information Technology (Reading - 2022/2026)**
University of Colombo, School of Computing Faculty
- **Currently Studying iCET Certifier Developer Course**
Institute of Computer Engineering Technology, Panadura
- **Higher National Diploma in Information Technology (2024)**
University of Colombo, School of Computing Faculty
- **Diploma in Information Technology (2023)**
University of Colombo, School of Computing Faculty

CERTIFICATIONS

- **Build a computer vision app with Azure Cognitive Services**
Microsoft and offered through Coursera
- **Advanced Certificate in Professional English**
Horizon campus, Kandy
- **Basics of Data Science**
UniAthena in partnership with Cambridge International Qualifications, UK
- **Basics of Python**
UniAthena in partnership with Cambridge International Qualifications, UK
- **Frontend Fundamentals (HTML 5 & CSS 3)**
For successfully completing the following course on Pirple.com
- **Creative Design Course – 2-day workshop**
Creative Design by Southern IRAA
- **Microsoft Office Course**
IT-NET, Mawanella

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java | Java Script

FRAMEWORKS AND LIBRARIES

Spring boot | React | Bootstrap | Angular

WEB TECHNOLOGIES

HTML5 | CSS3 | Tailwind CSS

DATABASE

MySQL

TOOLS AND PLATFORMS

Git | GitHub | REST APIs | Atlassian Jiraa

BACK-END SERVICES

Firebase | Supabase

PROJECTS

1. **Multi-Clinic Management System (Collaborative Full-Stack Project - Spring Boot & React)**

[Front-End](#) | [Back end](#)

Developed a collaborative multi-clinic management system with modules for clinics, doctors, patients, appointments, and billing. Built RESTful APIs using Spring Boot with layered architecture and role-based access control and developed a React-based frontend with dashboards and scheduling views. Demonstrates strong full-stack development, database design, and teamwork skills.

2. **DevSnip - Developer Snippet Vault (Ongoing Full-Stack Project - Spring Boot & Angular) | [GitHub](#)**

Developing a full-stack Developer Snippet Vault that allows users to store, categorize, search, and manage reusable code snippets. The system uses an Angular frontend and a Java Spring Boot backend built with layered (Controller, Service, Repository, DTO, Entity) architecture and RESTful APIs. Implements features such as snippet creation, editing, deletion, tagging, and keyword-based search. Designed with a clean, modular structure to ensure scalability, maintainability, and future enhancements such as authentication and cloud deployment.

3. **Disaster Management System - Full-Stack Web Application | [GitHub](#)**

Developed a responsive full-stack Disaster Management System as part of a 3-member team during a hackathon. Built the front end using React and integrated Firebase for authentication and real-time database functionality. Implemented emergency reporting with automatic GPS location capture, including offline data storage and synchronization once connectivity was restored. Designed a real-time admin dashboard for monitoring and managing incidents. Demonstrated strong skills in real-time systems, full-stack development, and rapid prototyping.

4. **Construction Management System (SaaS) (Ongoing Full-Stack Project – Spring Boot & Angular)**

Working as a Software Engineer in a 7-member team to develop a Construction Management System SaaS using Spring Boot, Angular, and MySQL. Responsible for implementing backend REST APIs, developing frontend components, and integrating database functionality. Contributing to feature development, debugging, testing, and maintaining code quality as part of the development team.

5. **Weather Information Web App - Web (HTML/JS + API Integration) | [GitHub](#)**

Built a responsive web application that displays real-time weather data such as temperature, humidity, wind speed, UV index, visibility, and location details. Integrated a public weather API and implemented asynchronous data fetching and dynamic UI updates. Demonstrates strong skills in frontend development, API consumption, and user-friendly interface design.

6. **Grill Master POS - Web-based Restaurant Point-of-Sale System | [GitHub](#)**

Designed and developed a web-based POS system to manage products, customers, and orders for a grill/burger shop. Implemented product and customer management, cart-based order creation, tax calculation, checkout flow, and draft order handling. Showcases ability to build full-stack web applications with real-world business logic and intuitive user interfaces.

REFERENCES

Mr. Frank Cronenberg

Senior Engineering Lead / Manager – CRM

Dialog Axiata PLC

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