

# MANUJA HAPUARACHCHI

Horana, Sri Lanka

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LinkedIn



Github



Portfolio



## EDUCATION

### UNIVERSITY OF COLOMB (UCSC)

Bachelor of Science

Major in Computer Science

Current GPA: 3.4 / 4.0

Colombo

May 2023 – May 2026

### TAXILA CENTRAL COLLEGE

Advanced Level – Physical Science Stream

Ordinary Level

( O/L s : 9A , A/L s : 1A 2B )

Horana

Mar 2013 – Dec 2022

## EXPERIENCE

### PickMe (On-site)

Intern Performance QE

Colombo

Nov 2025 – May 2026

Gained valuable insights into industry practices through continuous collaboration with cross-functional teams during testing activities. Conducted performance profiling across multiple application versions, developed hands-on experience with JMeter, and am currently working on automating performance profiling processes.

**Technologies:** JIRA , SCRUM , Android Studio Profiler , Kafka , Jmeter , Jenkins ,

GitLab CI/CD , Grafana , Microservices Architecture , EMQX ,

Gauge Framework , Postman , REST assured , Maven , Python , Appium ,

Docker

## PROJECTS

### FARMIO (3rd Year Group Project)

May 2025 – Oct 2025

Engineering a multi-sided platform to streamline transactions among 500+ farmers, buyers, transport providers, waste management agents, and warehouse owners. Aiming to increase farmers' profits by approximately 6% by eliminating middleman markups.

- Designed frontend and backend using React, Tailwind CSS, and Spring Boot Microservices, supporting 100+ listings.
- Collaborated within a 5-member Agile team using Git and Docker for version control and deployment.

**Technologies:** React, Tailwind CSS, Docker, Java Spring Boot, PostgreSQL, Git

Microservices Architecture .

**PARLIMATE** (2nd Year Group Project)

May 2024 – May 2025

A scalable engagement platform connecting citizens, politicians, and political parties with role-based access, secure authentication, and interactive features such as surveys, posts, announcements, fundraising, and meetings.

- Built secure login and registration system with Java Servlets and Tomcat, adopted by 50+ test users.
- Created survey creation module enabling members to create and share 50+ surveys.
- Worked in a 4-member Agile team, following MVC architecture and collaborative reviews in Figma.

**Technologies:** Java Servlets, Tomcat Server, HTML, CSS, JavaScript, PostgreSQL, Git, MVC, Figma

**SHOPPER** (RAD Project)

Aug 2024 – Sep 2024

An e-commerce clothing platform enabling sellers to manage products and customers to shop.

- Init secure checkout backend with Node.js
- Integrated product, inventory, and order management for admins, supporting 20+ items.
- Contributed to frontend checkout workflow tested by 10 customers.

**Technologies:** React , MongoDB, Express.js, Node.js

**CEYACT** (Solo Project)

Oct 2023 – Jan 2024

A full-stack social media platform focused on user connectivity, secure account management, and interactive content sharing.

- Assembled authentication features (Login & Register) with session-based access control.
- Implemented Profile Management, Follow/Unfollow, and Search functionality for 10+ users.
- Enabled users to share and interact with 20+ posts across connected profiles.

**Technologies:** PHP, MySQL, HTML, CSS, JavaScript, XAMPP, MVC, phpMyAdmin

**CONVO** (Mobile Application Development Project)

A real-time messaging app featuring QR code-based connections for faster and more secure chat initiation.

- Coded real-time messaging system with Firebase, handling 50+ messages
- Integrated QR codes for secure connections.
- Implemented user authentication and chat UI in Flutter, tested with 20 users.

**Technologies:** Flutter ,Firebase ,Android Studio

## CAPABILITY AREAS

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- Data Structures and Algorithms
- Object-Oriented Programming
- Design Patterns
- Python
- AI | ML
- JAVA | PHP
- Communication
- Android Studio Profiler
- Jenkins
- Microservices Architecture
- Git
- Linux
- React | Node.js
- Cloud (AWS) | Docker
- Software Architectures
- VS code | IntelliJIDEA
- Collaboration
- Kafka
- GitLab CI/CD
- EMQX
- HTML | CSS | JavaScript
- Agile | Scrum | SDLC
- MySQL | PostgreSQL
- MongoDB
- Flutter
- XAMPP | Tomcat
- JIRA
- Jmeter
- Grafana
- Gauge Framework

## CERTIFICATIONS

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- Deep Learning: Getting Started | LinkedIn Learning (2025)
- Machine Learning Foundations : Statistics | LinkedIn Learning (2025)
- Complete Guide to Java Design Patterns | LinkedIn Learning (2025)
- Java Object-Oriented Programming | LinkedIn Learning (2025)
- AWS Educate Introduction to Cloud 101 | AWS (2025)
- Java Basic | HackerRank (2024)
- Python Basic | HackerRank (2025)
- Python for Beginners | University of Moratuwa (2023)

HackerRank : <https://www.hackerrank.com/profile/hapuarachchiran1>

## PERSONAL INFORMATION

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- Language: English (Professional), Sinhala (Native)

## EXTRA-CURRICULAR ACTIVITIES

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- Former Member, Gavel Club
- Sports: Badminton and Chess

## REFERENCES

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