

MANEESHA GEETHANGA

INTERN SOFTWARE ENGINEER

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LinkedIn – <https://www.linkedin.com/in/maneesha-geethanga> | Github – <https://github.com/ManeeshaGee>

PROFESSIONAL SUMMARY

Software Engineering undergraduate at the Faculty of Technology, University of Ruhuna, seeking an internship opportunity to demonstrate technical expertise in real-world environments, with a strong focus on backend software development. Possesses solid foundations in software engineering principles, cloud computing, and artificial intelligence, along with hands-on experience in building reliable applications using technologies such as Java, JavaScript, Python, and Dart. Committed to continuous learning and delivering innovative, efficient solutions to complex real-world problems.

EDUCATION

Bachelor of Information and Communication Technology

Jan 2023 – Dec 2026

University of Ruhuna, Sri Lanka

- CGPA – 3.80/4.0 (Ranked **1st** in Batch)
- Relative Coursework – Data Science, Software Engineering, Cloud Computing, Data Structures, Artificial Intelligence

GCE Advanced Level

Completed – Dec 2020

Henegama Central College National School

- Stream – Engineering Technology

UNIVERSITY PROJECTS

Multiuser Chat Application

Jan 2025 – April 2025

- Developed a comprehensive multi-user chat application with chat similar to modern chat applications available.
- Successfully implemented the system in Java with RMI for networking, MySQL and Hibernate for database management.

Data Warehouse System for Dialog Axiata PLC

Aug 2025 – Nov 2025

- Designed and conceptually implemented a data warehouse solution for a telecommunications environment.
- Fact Constellation Schema is used as a key architecture for complex analytical queries and built the system using Java and MySQL 8.0.

Smart Canteen Management System

Jan 2026 – April 2026

- Designed and implemented canteen management system for the university university canteen to improve the ease of students and staff.
- Successfully deployed in university environment as a progressive web application using Nuxt.js, Laravel 11, MySQL 8.0.

- Implemented a production-level mobile application for analyzing pending habits and providing financial insights for users.
- Successfully integrated an AI-powered chatbot and developed the mobile application using Flutter, Firebase and SQLite.

CERTIFICATION

MongoDB Database Administrator

- MongoDB

Docker Foundations Professional Certificate

- LinkedIn Learning

Frontend Developer (React)

- HackerRank

Foundational C# with Microsoft

- freeCodeCamp

PROFESSIONAL SKILLS

- Problem Solving
- Team Collaboration
- Creative Thinking
- Communication Skills
- Time Management

TECHNICAL SKILLS

- Software Engineering
- Artificial Intelligence
- Web Development
- Cloud Computing
- Database
- Languages – Java, JavaScript, TypeScript, Python, Dart, MySQL, PHP, C#
- Frameworks – MERN stack, Laravel, SpringBoot

ADDITIONAL

- **4th Year Academic Research** – Privacy-Preserving IoT Forensics: A Federated Learning Framework for Behavioral Fingerprinting and Post-Attack Analysis.
- **HackTrail 1.0** – Participated in the first chapter of intra-faculty hackathon and gained invaluable competitive hackathon experience and teamwork.
- **HackTrail 2.0** – Participated in the second chapter of intra-faculty hackathon and successfully developed a canteen management system using the MERN stack.

REFERENCES

Mr. P.H.P.N Laksiri

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Dr. H.M. Chandana Pushpakumara

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