CHAMATHKA NETHMINI
INTERN SOFTWARE ENGINEER

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Github | Linkedin

Final-year BIT undergraduate with hands-on experience in full-stack development and software engineering. Skilled in Python, Java, SQL, and JavaScript, with experience building web applications, REST APIs, and cloud-deployed solutions. Passionate about designing scalable, user-focused software and contributing to innovative technology projects.

TECHNICAL SKILLS

Languages: Python, SQL, Java
Data & Analytics Tools: Next.js, React, Spring Boot, Flask, REST APIs
Databases: MySQL, MongoDB, SQLite
Other Tools & Technologies: Git, VS Code, Eclipse, Tailwind CSS, Docker
Development Focus: Full-stack development, API integration, cloud deployment

EDUCATION

Bachelor of Information Technology | University of Moratuwa   **Sep 2023 - Sep 2026**

Relevant Coursework: Software Engineering, Data Structures & Algorithms, Object-Oriented Programming, Essentials of Machine Learning, Fundamentals of AI

PROJECTS

Hotel Liyera (Full-Stack Hotel Booking System) - [Github Link]
- Rebuilt Hotel Liyera using Next.js, Flask, MongoDB, and Docker with a responsive UI and integrated booking features.
- Expanding with an AI chatbot and ML-based recommendations for smarter experiences.

StudyMate – Full-Stack Student Productivity App- [Github Link]
- Building a full-stack student productivity app with Java Spring Boot and React, enabling task tracking and study timers.
- Gaining hands-on experience with REST API development and React state management

AI Interview Question Generator – Python Tool [Github Link]
- Developed a Python application utilizing Hugging Face's transformers to generate interview questions from text inputs.
- Demonstrates proficiency in Python, NLP, and Hugging Face APIs for question generation tasks.

CERTIFICATIONS

- 5-Day Generative AI Intensive Course - Google & Kaggle (2025)
- GitHub Professional Certificate (2025) - LinkedIn Learning and GitHub
- Docker Foundations Professional Certificate - LinkedIn Learning and Docker

ADDITIONAL INFORMATION

- Languages: English (Intermediate), Sinhala (Native), Japanese (JLPT N5/N3)
- Volunteer: Code Club Mentor at STEMUP Education—teaching programming to local students.
- Achievements: SLIoT 2025 Top 20 Finalist, Hacktoberfest 2024 Open Source Contributor
- Interests: Open-source development, AI/ML technologies, Robotics, community tech education