Asitha Udara

Software Engineer Intern

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ABOUT

I am an undergraduate passionate about software engineering, cloud technologies, and AI-driven solutions. I thrive on solving complex problems and embrace challenges that foster growth and learning. With a strong commitment to teamwork, adaptability, and innovation, I am eager to contribute meaningfully while building experience for my future career.

EDUCATION QUALIFICATIONS

BSc (Hons) in Information Technology & Management University of Moratuwa

2023 - Present

CGPA: 3.43

GCE Advanced Level Dharmaraja College, Kandy

2018 - 2021

EXPERIENCE

Software Engineer Intern ExcellyGen LLC

09/2024 - 08/2025

• Worked on full-stack development of cloud-based enterprise solutions, applying clean architecture principles and agile methodologies in a professional team environment.

KEY PROJECTS

BlipSkills - Enterprise Learning & Management System *⊘* Role: Team Lead | Level 2 software project | Client: ExcellyGen LLC

06/2024 - 06/2025

- Led development of a cloud-based training platform with .NET Clean Architecture, JWT/OAuth2 RBAC, automated certificate generation, and course category management. Coordinated sprints, task allocation, and documentation.
- Technologies: React, TypeScript, ASP.NET Core, Microsoft SQL Server, Azure Cloud, JWT, OAuth2

Park Snap - Parking Lot Management System *⊗* Role: Full Stack Developer | Client : LSEG

2024

- Developed a real-time parking management system with slot availability tracking, role-based authentication, and RESTful API integration.
- Technologies: React.js, Spring Boot, MySQL, REST APIs, JWT authentication

TravelMateLK - AI-Powered Trip Planner *⊗* Role: Full Stack Developer | Competition Project (HackElite 2.0 - 2nd Runner Up)

2025

- Developing an Al-driven travel planner integrating real-time transport data, intelligent itinerary optimization, and personalized recommendations with a responsive PWA interface.
- Technologies: Next.js, TypeScript, Node.js, Gemini API, PostgreSQL, MongoDB, Redis, PWA

AirTravel - Travel Agency Management System *⊗* Role: Full Stack Developer | Personal Project

2024

- Built a full-stack travel booking platform with PayPal payment integration, optimized Eloquent ORM CRUD operations, and a responsive UI for seamless booking.
- Technologies: Laravel, PHP, MySQL, Bootstrap, Eloquent ORM, PayPal API, jQuery

2025 - Ongoing

- Building an enterprise-level service platform with microservices, real-time WebSocket communication, event-driven messaging via RabbitMQ, and an Al-powered chatbot for service recommendations.
- Technologies: Next.js, Spring Boot, PostgreSQL, RabbitMQ, WebSocket, Docker, Kubernetes, Gemini API

TECHNICAL SKILLS

Languages: C C# Java Python JavaScript TypeScript PHP
Frontend: React.js Next.js TailWind CSS Bootstrap HTML/CSS
Backend: ASP.NET Core Spring Boot Laravel Express.js Node.js
Databases: MySQL PostgreSQL SQL Server MongoDB
Cloud & DevOps: Azure AWS (S3, Lambda, EC2) Docker Kubernetes Git/GitHub
Architecture: Microservices Clean Architecture RESTful APIs Event-Driven (RabbitMQ)
AI/ML: Google Gemini API Conversational AI Recommendation systems
Tools: Jira Trello Postman Swagger Maven
ACHIEVEMENTS

CodeArena 2025 Inter University Hackathon - Champions	2025
HackElite 2.0 Inter-University Business Solution Ideathon - 2nd Runner Up	2025
Beauty Of Cloud 2.0 Inter University Cloud Ideathon - 2nd Runner Up	2025
Hackmoral 7.0 Individual Hackathon - 4th Place	2025
AlgoXplore 1.0 Algorithm and CTF Challenge - Participation	2024
EXTRACURRICULAR ACTIVITIES	

nt Committee Lead, IEEE IAS Student Branch Chapter, University of Moratuwa	2025
Member of the IEEE RAS Student Branch Chapter of the University of Moratuwa	2025
Member of Rotaract Club, University of Moratuwa	2025

Certificates

Coursera:

- IBM: Full Stack Software Developer Professional Certificate In Progress
- IBM: AWS Cloud Technical Essentials
- IBM: Building AI Agents and Agentic Workflows In Progress

References

Ms. Nipuni Chandamali Lecturer | Academic Supervisor University of Moratuwa nipunic@uom.lk ∂ | +94 71 079 261 Relationship: Software Project Supervisor