DULAN JAYAWICKRAMA
GENERATIVE AI ENTHUSIAST

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SUMMARY

Generative AI enthusiast with hands-on experience in Retrieval-Augmented Generation (RAG) systems, Agentic AI, knowledge graphs, and emerging AI technologies. Passionate about exploring innovative applications of AI to solve real-world problems. Always eager to learn, adapt, and push the boundaries of what's possible with AI.

WORK EXPERIENCE

Software Engineer Intern, Syntax Genie (Pvt) Ltd   **May 2024 - November 2024**
- Contributed to full-stack development of two web applications — an Employee Management Application and a LMS-based application (Learnova).
- Developed frontend components using React with TypeScript, delivering responsive and user-friendly interfaces.
- Built REST APIs and business logic using Spring Boot, integrating with PostgreSQL relational databases.
- Performed testing and debugging on both frontend and backend to ensure functionality and performance.

SKILLS

AI-related	:	RAG, Generative AI, Agentic AI, Knowledge Graph, LangChain, CrewAI, AgentOps, PyTorch, spaCy
Languages	:	Java, Python, TypeScript, JavaScript
Web	:	Spring Boot, React, Angular
Databases	:	Neo4j, MySQL, PostgreSQL
Soft Skills	:	Communication, Problem-solving, Adaptability, Teamwork, Attention to detail

EDUCATION

Bachelor of ICT in Software Technology, University of Sri Jayewardenepura (GPA - 3.65 / 4)   **2021 - 2025**
Diploma in Software Engineering, Developers Stack Academy   **2023 - 2024**

COURSES & CERTIFICATIONS

Generative AI with Large Language Models, Coursera
Data Structure & Algorithms in Java - Intermediate level, Great Learning Academy
PyTorch for Deep Learning & Machine Learning, freeCodeCamp (in progress)

PROJECTS

Knowledge Graph-based Retrieval-Augmented Generation System - Research project (in progress)
MinuteMate (Agentic AI) - Transcribe, summarize and email meeting minutes   Link -   _https://bit.ly/4iiDbUn_
Cipher Message - Android App - Published on Google Play Store   Link -   _https://bit.ly/3Di3pqJ_
Cafeteria Management System - Angular, Node.js, Express.js, MySQL   Link -   _https://bit.ly/4i7v50v_
Retail Management System - Java, JavaFX, MySQL   Link - _https://bit.ly/3DnX5Ow_

VOLUNTEERING EXPERIENCE

Finance Committee Member, IEEE Student Branch - University of Sri Jayewardenepura   **2023 - 2024**
Contributor, Stack Overflow, Link - _https://bit.ly/41mU9JG_   **2023 - present**

REFERENCES

Dr. P.L.M. Prabhani
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