HARSHI JAYAKODI

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SUMMARY

Motivated and detail-oriented Software Engineer Intern with hands-on experience in AI-driven automation, microservices, and backend technologies. Proficient in developing scalable solutions using OpenAI, LangChain, Neo4j, and PostgreSQL. Passionate about leveraging technical skills to contribute to impactful software development projects and continuously improve software efficiency.

WORK EXPERIENCE

Dialog Axiata PLC | Software Engineer Intern   **Aug 2024 - Present**

AI-Driven Software Development Automation

Roles & Responsibilities

- Designed and implemented an AI-powered multi-agent system to automate the SDLC
- Developed the Business Analyst (BA) Agent to generate Functional Requirement Specifications (FRS) from Business Requirement Documents (BRD).
- Built the Developer (DEV) Agent to automate microservice-based code generation from FRS.
- Implemented the Quality Assurance (QA) Agent to generate automated test cases from FRS and code for proactive defect detection.

Tools & Technologies Used

- Programming & Frameworks: Python, FastAPI, Gradio
- AI & NLP: OpenAI GPT, LangGraph, LLM
- Database: PostgreSQL, Neo4j

TECHNICAL SKILLS

Programming Languages: Python, Java, C#, PHP
Skills: AI & Automation, Spring boot Analysis, Web Development, Databases, Docker

EDUCATION

Bachelor of Information Technology   **Jul 2021 - Jul 2025**

University of Moratuwa

- During my university studies, I gained expertise in programming, web design, mobile app development, software engineering, database management, AI, machine learning, and project management.

Academic Projects

Web-Based Tuition System

- Built a platform with discussion forums, vlogs, and gamified learning to connect students and teachers.
- Technologies and Tools- PHP, MySQL, phpMyAdmin, HTML, CSS, XAMPP

Package Delivery Mobile App

- Developed a mobile app for efficient package delivery with a user-friendly interface.
- Technologies and Tools- Android, Android Studio

Freelancing Construction Services Platform –

- Created a web platform connecting construction freelancers with clients.
- Technologies Used – Java, Spring Boot, MySQL, Spring Data JPA, HTML, CSS

REFERENCES

Mr. Saranga Abeyratne
Head of CRM, Fulfillment Strategy and Implementation
Dialog Axiata PLC
777337405

Mr. Nalin Udaya Kumara
Senior Architect - CRM and Billing
Dialog Axiata PLC
777331232