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PROFESSIONAL SUMMARY

Highly motivated Software Developer with a strong foundation in Java and Full-Stack Development. Experienced in leading backend engineering teams to design and deliver scalable enterprise solutions, innovative e-commerce platforms, and high-impact government digital solutions. Technically adept in layered system architecture, secure REST API design, database modelling, and end-to-end delivery of production-ready applications using Agile (Scrum) methodologies.

TECHNICAL SKILLS

- **Programming Languages:** Java, TypeScript, JavaScript, SQL.
- **Frameworks & Libraries:** Spring Boot, Hibernate, Angular, React, Java Swing, Bootstrap, Tailwind CSS.
- **Databases & Backend:** MySQL, PostgreSQL, MongoDB.
- **Tools & Platforms:** Git, GitHub, Docker, **Atlassian Jira (Scrum)**, REST APIs, Linux, Swagger / OpenAPI, POS Equipment Maintenance.

ACADEMIC QUALIFICATIONS

- **Higher National Diploma (HND) in Software Engineering** – ICBT Campus, Sri Lanka
- **ICET Certified Developer / Programming** – Institute of Computer Engineering Technology (iCET)
- **NVQ Level 4 in ICT** – IPCS Metro Campus, Sri Lanka
- **G.C.E. Advanced Level (Engineering Technology, 2022)** – R/Kuruwita National College, Sri Lanka

CERTIFICATIONS

- **Docker 101 Badge** – Docker Hands-on Labs
- **Python for Beginners** – University of Moratuwa
- **Social Entrepreneurship** – HP LIFE
- **SQL (Basic)** – HackerRank

PROJECTS

DMT Staff Productivity Tracker (Govt. Project) | *React, Spring Boot, Jira*

Lead Idea Provider & Developer

- Conceptualized and proposed a real-time web-based monitoring system for the Department of Motor Traffic (DMT) to track staff workflow efficiency.
- Collaborated in a team using Scrum methodologies and Atlassian Jira to deliver a centralized dashboard for operational transparency.

Advanced Inventory & Warehouse Management System | *Spring Boot, Hibernate, MySQL*

Backend Lead

- Led the backend engineering team to design and deliver a robust, enterprise-grade warehouse management solution built on Spring Boot, strictly following a clean Layered Architecture (Controller, Service, Repository, and DTO layers).
- Architected complex MySQL database schemas including One-to-Many relationship mappings for managing multiple warehouse facilities and their associated resources.
- Implemented secure and well-documented REST APIs using Spring Doc OpenAPI (Swagger) for interactive testing, and ModelMapper for clean Entity-to-DTO conversion.
- Utilized Lombok to reduce boilerplate code and Maven for streamlined dependency management across the project.

VibeIt - Multi-Vendor E-commerce Ecosystem | *Angular 21, Spring Boot, TypeScript*

Personal Venture - Ongoing

- Architecting and developing a full-stack e-commerce platform from the ground up as a personal business venture, going beyond a standard marketplace by incorporating a unique customer earnings model enabling shoppers to earn rewards through platform engagement.
- Building a highly responsive and modular Angular 21 frontend using TypeScript, with reusable components and a clean UI/UX tailored for multi-vendor interactions.
- Designing a scalable Spring Boot backend with a modular REST API architecture, handling vendor management, product listings, order processing, and the custom rewards engine.

Defence Management System | *Java, Java Swing, OOP*

- Developed a centralized command-and-control desktop application using Java Swing, featuring a comprehensive interface for managing defence resources and personnel data with full CRUD operations.
- Applied core Object-Oriented Programming principles (encapsulation, inheritance, and polymorphism) to build a maintainable, secure, and extensible system architecture.

MovieRat - Dynamic Movie Catalog | *JavaScript, REST APIs*

- Engineered a dynamic web application that fetches and renders real-time movie metadata using a third-party REST API, demonstrating proficiency in asynchronous JavaScript and responsive UI rendering.

REFERENCES

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