DESHAN IDAMEGEDARA
Full-Stack Software Engineer

Java Enterprise • React.js • Node.js • AWS

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PROFESSIONAL SUMMARY

Innovative Software Engineering graduate with deep expertise in **Modern Full-Stack Development** (MERN Stack & Java Enterprise). Proven track record of architecting high-performance systems, including a secure banking platform handling 150+ concurrent users. Passionate about building scalable, user-centric web and mobile solutions using **React.js**, **Microservices**, and **Cloud Technologies**. **Available for immediate hiring.**

TECHNICAL SKILLS

- **Core Languages:** Java (Advanced), JavaScript (ES6+), TypeScript, SQL, PHP.
- **Frontend Development: React.js**, Redux, Tailwind CSS, React Native, Bootstrap, HTML5/CSS3.
- **Backend & Enterprise: Node.js**, Express.js, Jakarta EE (EJB), Spring Boot (Knowledge), REST APIs.
- **Database & DevOps:** MongoDB, MySQL, Firebase, AWS (EC2/S3 Basic), Docker, Git/GitHub, JMeter.

KEY PROJECTS

National Bank | Enterprise Banking System   *Jakarta EE, EJB, JSF, MySQL*
- Architected a secure, role-based banking platform using Enterprise JavaBeans (EJB) for complex transaction logic.
- **Performance Optimization:** Achieved stability for **150+ concurrent users** with zero downtime during JMeter load testing.
- Implemented automated fund transfers using persistent EJB timers and Jakarta Security for strict role management.

Darki Posters | Modern E-Commerce Platform   *React.js, Node.js, MongoDB, Express (MERN)*
- Developed a high-performance **Single Page Application (SPA)** using **React.js** with Redux for global state management.
- Built secure RESTful APIs using **Node.js** and **Express** to handle user authentication (JWT) and order processing.
- Designed a responsive, mobile-first UI with a custom shopping cart and real-time inventory checks via **MongoDB**.

Garadise | M-Commerce Android App   *Android (Java), Firebase, Google Maps API*
- Built a native Android app for console game trading, optimized for low-latency performance (2.5s launch time).
- Integrated **Firebase Authentication** and **Real-time Database** for instant order updates and push notifications.
- Incorporated Google Maps API for location-based seller discovery.

Distributed Online Auction System   *Java EE, JMS, ActiveMQ, WebSocket*
- Engineered a real-time bidding engine using **Java Message Service (JMS)** and ActiveMQ to broadcast bid updates instantly.
- Decoupled business logic from the web tier to ensure vertical scalability under heavy load.

EDUCATION

BEng (Hons) in Software Engineering   *Graduating: Feb 2026*
IIC University of Technology, Cambodia
- *Status:* Coursework Completed. Waiting for convocation.
- Relevant Modules: Advanced Algorithms, Web Technologies, Enterprise Architecture.

Professional Graduate Diploma in Software Engineering   *2022 – 2025*
Java Institute for Advanced Technology, Sri Lanka