

DILAN SACHINTHA MANAGE

Freelance Developer
Software Engineering Graduate

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WORK EXPERIENCE

Freelance Fullstack
Developer
2023 - Present

Web, Mobile and Desktop Application Developer

Working individually and collaboratively on full-stack projects, including database upgrades, web development, e-commerce platforms, stand-alone and mobile applications for local and international clients (Notable Projects listed below).

Individual Classes ,
Government School
Coaching
2018 - Present

Chess Coach

Served as the chess coach at Vidyakara Balika Vidyalaya - Maharagama, and provided training to junior players at Royal College. Conducted individual classes, developing tailored strategies, sharpening my skills in analytical thinking, patience, strategic planning, and communication.

Reliance Insurance
Brokers (Pvt) Ltd.
Feb - Jun 2022

Accounting Assistant

Assisted in budgeting, maintaining records, and handling documentation using Excel and the internal accounting system. Gained hands-on experience with expense tracking, reconciliation, and understanding financial processes, enhancing accuracy and attention to detail.

EDUCATION

Java Institute for
Advanced
Technology
2022 - 2025

BSc (Hons) in Software Engineering - Birmingham City University

Completed core areas including object-oriented programming and design patterns, web, desktop and mobile application development, DB systems, data structures and algorithms, AI, cyber security, IoT, maths for CS, QA, and project management with UQF level 6 qualifications via UK Awards (9600 Total hrs)(awaiting final transcript/award - expected Feb 2026).

Royal College -
Colombo 07
2011 - 2020

G.C.E. Advanced Level and Ordinary Level

Successfully passed G.C.E. A/L (Physical Science) and O/L examinations while actively participating in extracurricular activities such as chess, tennis and boxing. Achieved national-level recognition in chess with provincial colours.

PROJECTS & SKILLS

Projects

Notable freelance and academic projects demonstrating full-stack and cross-platform development experience (Visit Portfolio for more details):

- **KrushConnect** - Android app for agricultural e-commerce. Built with Java (Android Studio), Firebase, Google APIs, PayHere SDK (MVVM).
- **GlobeMed** - Java Swing + JPA (Hibernate) complete HMS, via Object-Oriented design with standard patterns (anonymised branding used).
- **Lost & Found Claim Sites** - Large-scale lost-and-found claim and item management systems for a US-based Cruise Line Company and a Puerto Rican Airport. (Node.js, React(TS), MSSQL, AWS).

- **NR Washing Plus** – Multi-branch laundry management system (using React, NestJS, Barcodes and AWS Lightsail for a local business)
- **AttendEase** – IoT-based attendance system. Developed using React Native, Java EE, MySQL, Hibernate, ESP32 (Arduino).
- **BakeLoaf** – A web-based bakery management system with PayHere integrated (project for a local client using PHP, JS, and MYSQL).
- **Healthy-Harvest** – A complete employee, financial and product management system (Java EE, Jasper Reporting and QR).
- **LineChat** – Real-time mobile chat app. Built with Expo, React Native, Java EE backend, REST APIs, and PostgreSQL.
- **BankingSystemEE** – An end-to-end secure JakartaEE-10 system, focusing on security, concurrency, and time-based business services. (View AuctionSys, other projects, details and source code for these on GitHub).

Skills

Technical Skills

- Languages & Frameworks: Java (mainly), C#, JavaScript (TypeScript, Node, React), PHP and Python (basics).
- Application Development & Architecture: React Native (Expo), Android Studio (Java), REST API integration with Jakarta EE (JPA, JTA, EJB) and Hibernate, using MVVM/MVC, modular and full-stack architectures.
- Data & Cloud Backends: MySQL, PostgreSQL and Firebase (Auth, database and related APIs).
- Embedded & IoT Systems: Arduino Uno, Raspberry Pi, ESP32, using the Arduino IDE, and integration with other components.
- Tools, Platforms & Practices: Git, GitHub, IntelliJ IDEA, debugging and testing (Postman, JMeter), Agile teamwork and technical docs.
- Certifications & Learning: Completed and ongoing certificates, badges and courses from major software vendors and online university portals (view full list with credentials on my Portfolio/LinkedIn).

Other Skills

- Strategic Thinking & Problem Solving: Sharpened through national-level chess, applying logical decision-making skills under pressure.
- Freelancing Experience: Client communication, time management, self-motivation, and delivering to deadlines.
- Financial & Administrative Skills Developed as an Accounting Assistant: proficiency in documentation, attention to detail, handling confidential data, and managing financial records accurately.

REFERENCES

Kanchana Herath
Senior Director – Core Infrastructure
Millennium IT ESP
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I hereby declare that the details and information given above are true to the best of my knowledge.