

Sachin Jayawardena

Java Desktop Application Developer

Galle, Sri Lanka

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Professional Profile

Detail-oriented Java Desktop Application Developer with 5+ years of hands-on experience building reliable, user-friendly desktop software. Proven expertise in JavaFX, Swing, event-driven programming, and database-backed applications. Strong focus on maintainability, performance optimization, and clean code practices.

Core Competencies

- Programming: Java SE, Java 11/17, SQL
- Desktop Frameworks: JavaFX, Swing
- Design Patterns: MVC, Observer, Singleton
- Concurrency: Multithreading, Executors, Synchronization
- Database: SQLite, MySQL, PostgreSQL, JDBC
- Build & Versioning: Maven, Git, GitHub
- Reporting & Export: JasperReports, PDF, Excel

Work Experience

Java Desktop Application Developer – TechnoSys Lanka (2020 – Present)

- Developed JavaFX-based desktop systems for HR, payroll, and internal operations.
- Implemented role-based access control and secure local data storage.
- Refactored legacy Swing modules to improve stability and UI responsiveness.
- Worked closely with clients to gather requirements and deliver custom features.

Junior Java Software Engineer – CodeBridge Solutions (2017 – 2020)

- Maintained and enhanced existing Java Swing desktop applications.
- Added new modules for reporting, file import/export, and validations.
- Fixed production bugs and improved exception handling and logging.

Education

BSc (Hons) in Computer Science

University of Ruhuna, Sri Lanka (2013 – 2017)

Selected Projects

- HR & Payroll Desktop System – JavaFX, PostgreSQL
- POS Desktop Application – Swing, SQLite
- Student Information Management System – JavaFX, MySQL

Additional Details

- Experience handling full desktop application lifecycle from design to deployment
- Strong debugging and troubleshooting skills
- Comfortable working with both legacy and modern Java codebases