

HIRWA CLEMENT RHODIN

Software Engineer

✉ **Email:** h1rhodin@gmail.com || 📞 **Phone:** +250787065410 || 📍 **Location:** Kigali, Rwanda
🌐 **Portfolio:** [Rhodin - Personal Portfolio](#)
🔗 **LinkedIn:** [Hirwa Clement Rhodin | LinkedIn](#)
📁 **GitHub:** [Rhodin1 \(Hirwa Clement Rhodin\)](#)

PROFESSIONAL SUMMARY

Software Engineering student with hands-on experience in full stack development, mobile app engineering, and database driven solutions. Skilled in Flutter, React, and ASP.NET Core, with a track record of building scalable applications and improving business processes through automation and optimization.

TECHNICAL SKILLS

Programming Languages: C, C#, Java, JavaScript/TypeScript, Python, Dart
Web Development: ASP.NET Core, Spring Boot, React, Vite, Tailwind CSS, HTML, CSS
Mobile Development: Flutter, Cross-platform App Development, Native Mobile UI/UX
Database Technologies: MySQL, PostgreSQL, MongoDB, Entity Framework Core, SQLite, SQL Server, Oracle
Development Tools: Git, GitHub, Docker, JWT Authentication, RESTful APIs, Firebase
Specialized Libraries: iTextSharp, MailKit, Recharts, Framer Motion, Firebase, TOTP (java-otp)
Core Concepts: Data Structures & Algorithms, OOP Design, Clean Architecture, MVVM, State Management
Methodologies: Agile Development, Test-Driven Development, CI/CD Practices

EDUCATION

[Bachelor of Science in Software Engineering](#)

Adventist University of Central Africa (AUCA) | Kigali, Rwanda
2022 – Present | Expected Graduation: 2026

[Advanced Level Certificate | Mathematics, Chemistry & Biology](#)

Institut de Formation Apostolique de Kimihurura (IFAK) | Kigali, Rwanda
2018 – 2021 | 🏆 Top Student of Class

[Ordinary Level Certificate | General Science Program](#)

Petit Séminaire Saint Vincent de Ndera(PSSV) | Kigali, Rwanda
2015 – 2017 | 🏆 Top List of Promotion

PROFESSIONAL EXPERIENCE

Sales & IT Manager

Family Retail Business | Kigali, Rwanda | *August 2021 – Present*

- Implemented sales tracking & inventory management systems, achieving 80% revenue growth.
 - Automated business processes with SQL databases & Excel macros, reducing manual workload by 40%
 - Improved business decision making through data-driven reporting.
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KEY PROJECTS

Bus Management System | ASP.NET Core, SQL Server, JWT, TOTP

- Built an end to end buses management and ticketing platform with secure authentication & real time seats tracking.
- Developed automated PDF ticket generation and email delivery system using iTextSharp and MailKit.

Car Wash Management | Spring Boot, React, Vite, Tailwind CSS, Recharts

- Developed a responsive Back-End and Front-End for comprehensive Car Wash management, managing employees, services, appointments and payments.
- Implemented pagination, search, and interactive dashboard with data visualization using Recharts library.

Flutter Mobile Applications | Dart, Flutter, Firebase, SQLite

- Built cross-platform mobile applications with responsive UI, offline storage and native performance.
- Integrated backend APIs with robust state management.

Python Projects | Python, Data Analysis Libraries

- Currently learning Python skills through Py4e(Python for Everybody).
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CERTIFICATIONS & LANGUAGES

Certifications

- ALX AICE AI Career Essentials Certificate
- Advanced Network Operations Certificate
- Duolingo English Proficiency Certificate
- Introduction to Network Operations Certificate
- Network Essentials Certificate
- Operating Systems Basics

Languages

- **Native:** Kinyarwanda, Kirundi
 - **Professional:** English, French
 - **Learning:** Spanish, Swahili
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