

# SACHITHRA INDRACHAPA

SOFTWARE ENGINEERING UNDERGRADUATE | ASPIRING DEVOPS ENGINEER

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## PROFESSIONAL SUMMARY

Motivated Software Engineering undergraduate specializing in full-stack and mobile development, with a strong interest in DevOps and cloud practices. Skilled in MERN stack, Kotlin, and REST API design, with hands-on experience in building scalable applications and implementing CI/CD pipelines. Strong in problem-solving and collaboration, with proven ability to design secure, user-focused solutions. Passionate about merging software engineering expertise with DevOps methodologies to enhance efficiency and innovation in software delivery.

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## PROJECTS

### Xaphora Dress – E-Commerce Platform (MERN · React · Node.js · MongoDB)

Collaborated on developing a role-based online clothing store with secure JWT authentication for customers, sellers, and admins. Implemented the user management module, including profile handling, password reset, and role-based access control. Contributed to building a responsive admin dashboard and integrated features for shop management and customer support via AI chatbot.

### CashBuddy – Personal Finance Manager (Kotlin · Android Studio · Room)

Designed and developed an Android app to track income and expenses with offline persistence, featuring daily transaction logging, balance overview, and category-based spending reports. Optimized Room Database for performance and ensured a smooth user experience with Material Design UI.

### Online Medicine Ordering System (Java · JSP · SQL · JavaScript)

Contributed to a web-based pharmacy system by implementing the user management module with secure login, registration, and role-based access for customers and admins. Added password recovery, input validation, and responsive UI for seamless navigation.

### BetterHelp Recruitment – Online Recruitment Service (HTML · CSS · PHP · MySQL)

Contributed to a recruitment platform by developing role-based dashboards with secure authentication, session management, input validation, and password recovery, and deployed the system locally with XAMPP.

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## TECHNICAL SKILLS

- Programming Languages: Java, Kotlin, JavaScript, SQL, C, C++
  - Frameworks & Libraries: MERN (MongoDB, Express.js, React, Node.js)
  - DevOps & Cloud Tools: AWS, Git, GitHub, CI/CD (GitHub Actions), Docker (basics)
  - Databases: MongoDB, MySQL, Room (SQLite)
  - Development Tools: Android Studio, Visual Studio Code, Eclipse, MySQL Workbench, Figma
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## EDUCATION

### Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology, Specialized in Software Engineering  
(2023 – Expected 2027)

### Aquinas College of Higher Studies

English Language and Literature  
June 2023, Jan 2025  
(Hold 6 months because of academic studies)

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## CERTIFICATIONS

- Getting Started with DevOps on AWS – AWS Training & Certification (Aug 2025)
  - Build and Deploy APIs with a Serverless CI/CD – AWS Training & Certification (Aug 2025)
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## SOFT SKILLS

Problem-Solving | Teamwork | Time Management | Adaptability | Clear Communication | Self-Motivation