

# MANOJKANTH KALAICHELVAN

Software Engineer and problem solver

[Portfolio](#) | [Linkdin](#) | [kalaichelvanmanojkanth07@gmail.com](mailto:kalaichelvanmanojkanth07@gmail.com) | +94724440303

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## About

Motivated and self-driven aspiring Software Engineer with strong proficiency in Python and JavaScript. Skilled in building real-world projects, including web applications and automation tools, with a focus on clean code, problem-solving, and user experience. Eager to apply my technical knowledge and hands-on experience in a professional setting through a software engineering internship. Passionate about learning, collaborating, and contributing to innovative tech solutions.

## Technical Skills

**Programming Languages:** Python, JavaScript, Kotlin, PHP, SQL, HTML, CSS

**Frameworks & Libraries:** React.js, Node.js, Express.js, Angular, MERN Stack

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, Visual Studio Code, PyCharm, Android Studio

**Other:** XML (Android UI), Responsive Web Design, Version Control, Debugging, Agile, Problem Solving

## Projects

**Smart Restaurant Management System** | Role: *Lead Developer* | GitHub: [Smart Restaurant Management System](#)

- Designed and developed a full-stack MERN web app to automate restaurant order and table management. Reduced order processing time by 30% through real-time updates and streamlined workflows.
- Implemented role-based access control increasing system security for staff and admin users.
- Built responsive UI with React.js enhancing user experience across multiple device types. Collaborated with a team of 3 to deliver the MVP in 3 months.

**Personal Finance Tracker App** | Role: *Android Developer* | GitHub: [Personal Finance Tracker](#)

- Created an offline-capable personal finance Android app using Kotlin and Room Database. Enabled 100% offline data persistence, improving app reliability for users without constant internet.
- Developed clean and intuitive UI using XML, increasing user engagement by 20% in testing.
- Implemented budget alert system to help users manage spending more effectively. Deployed app to 50 beta testers receiving positive feedback on usability.

**Foodify – Food Ordering App** | Role: *Android Developer* | GitHub: [Food Order App](#)

- Built an Android food delivery app using Kotlin, XML
- Developed cart and payment flow features to improve the ordering experience.
- Achieved 85% project completion; currently working on push notifications and payment gateway integration. Collaborated with UI/UX designers to optimize app interface for customer satisfaction.

## Certifications

- **Python Developer Certificate** – SoloLearn
- **Machine Learning with Python** – freeCodeCamp
- **Data Analysis with Python** – freeCodeCamp
- **Advanced JavaScript** – Coursera
- **Agile Project Management** – HP Life
- **Angular Certificate** – SoloLearn

## Education

**Sri Lanka Institute of Information Technology (SLIIT)** — Malabe, Sri Lanka | **Expected Graduation:** 2026

**Bachelor of Science (Hons) in Information Technology**

*Specialized in Software Engineering*