

# Derrick Thomas Luiz

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LinkedIn: <https://www.linkedin.com/in/derrick-thomas-313b271bb>

Portfolio: [85dk.github.io/ Personal- portfolio](https://85dk.github.io/)

## Professional Summary

Results-driven and detail-oriented Software Developer with a Master's degree in Computer Applications (2025) and a consistent record of academic excellence. Proficient in full-stack development, with hands-on experience in web and mobile application development using Java, Flutter, and modern web technologies. Demonstrates strong problem-solving skills, leadership capabilities, and a passion for continuous learning. Actively seeking an entry-level software developer position to contribute technical skills to innovative projects in a collaborative and growth-focused environment.

## Education

SNGIST Group of Institutions – Master of Computer Applications (MCA) APJ Abdul Kalam Technological University CGPA: 9.26 | Year: 2025

SNGIST Group of Institutions – Bachelor of Computer Applications (BCA) APJ Abdul Kalam Technological University CGPA: 9.35 | Year: 2025

Don Bosco Senior Secondary School, Vaduthala – Class 12 Indian Certificate of Secondary Education (ICSE) Percentage: 74% | Year: 2020

Don Bosco Senior Secondary School, Vaduthala – Class 10 Indian School Certificate Examination (ISC) Percentage: 75% | Year: 2018

## Work Experience

Luminar Technolab, Flutter Intern –Android App development. (Jul 2025, Online-Kochi)

App Development Trainee – [Luminar Technolab], Kochi ((Jul 2025 – Present) -

Studying full-stack mobile and web application development using Flutter and React.

- Gained hands-on experience in UI/UX design, backend integration, and deployment.

## Academic Project

Cuisine Cloud – [AI-Based Recipe Recommendation Application](#)

- Developed an AI-powered recipe recommendation system using **Flutter** for cross-platform mobile development.

- Implemented **Firebase** for secure user authentication and real-time data storage.
- Integrated **OpenAI API** to generate personalized recipe suggestions based on users' available ingredients.
- Enhanced user engagement by providing intelligent, ingredient-aware recipe recommendations leveraging **machine learning** and **natural language processing** techniques.

### **Expense Tracker App** – Personal Finance Management System

- Developed a **Flutter-based** mobile application for tracking and managing personal income and expenses.
- Implemented **categorized expense tracking** and **local data storage** to ensure efficient offline functionality.
- Integrated **data visualization and analytics** features to provide users with clear financial insights and spending patterns.
- Enhanced user experience through an intuitive UI and organized financial data presentation using **Flutter widgets** and **state management techniques**.

### **To-Do List Web** – [Live Demo](#)

- Task management app created using HTML, CSS, and JavaScript with support for adding, editing, and deleting tasks.
- Designed with responsive layout for multi-device compatibility.

## **Technical Skills**

- Languages: Python, R, Java, C, SQL- Meta Ads, Google Ads
- ML & AI Skills: Supervised/Unsupervised Learning, Naive Bayes, Regression, Classification, Clustering,
- Libraries/Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, OpenCV,
- Seaborn, Matplotlib
- Deep Learning: Neural Networks, CNNs, RNNs, LSTMs, GRUs, Transfer Learning, NLP, Computer Vision
- Data Handling: Data Cleaning, Feature Engineering, Model Evaluation, Data Normalization
- Other: Power BI, Excel
- Programming Languages: Java, C, C++, Dart, JavaScript, PHP, HTML, CSS, XML, VP.Net.
- Frameworks & Libraries: Flutter, React.js, Bootstrap, Node.js, Express.js.
- Web Development: -Responsive Design, UI/UX Principles, RESTful APIs.
- Mobile Development: Android SDK, -Flutter.
- Databases: Firebase Firestore, MongoDB, SQL, MariaDB, Hive.
- Tools & Platforms: -Git, GitHub, Postman, Android Studio, VS Code, Figma.
- Methodologies: Agile, Scrum, CI/CD Basics, Version Control, Debugging & Testing.
- Soft Skills: Team Collaboration, Critical Thinking, Communication, Adaptability, Time Management