

POSHAN PEEROO

Level 2 Computer Science Student

+230 5800 9221 | poshanpeeroo@gmail.com | Goodlands, Mauritius

poshanpeeroo.com

ABOUT

Highly motivated Computer Science student with a passion for developing innovative applications and exploring new technologies. Proven ability to build user-friendly network simulation tools and continuously expanding my skill set by learning deep learning and neural networks. Eager to leverage my skills and knowledge to contribute to a fast-paced development environment.

EXPERIENCE

Member at Cyberstorm.mu

- Sept 2023 – Present | Mauritius
- Collaborated with a team to develop a framework for assessing international readiness for post-quantum cryptography, identifying potential vulnerabilities in existing cryptographic systems.
 - Presented research on the framework at the TestCon Conference and Zanog Conference.
 - Utilized Agile development methodologies for efficient collaboration.

Freelance Developer

- Feb 2023 – May 2023 | Mauritius
- Developed "Tracker," a user-friendly Android fitness companion app for personalized workout tracking and data analysis.
 - Users can create custom exercise routines.
 - Track performance metrics.
 - Analyze progress over time.
 - The app was well-received by the client and helped them achieve their workout goals.

PROJECTS

DermAI - Skin Condition Detection and Telemedicine

- Jul 2024 – Aug 2024
- Developed "DermAI," a mobile application that leverages AI for skin condition detection and telemedicine, available for Android and iOS.
 - AI-driven image classification for instant preliminary diagnosis of skin conditions.
 - Secure video consultations with dermatologists.
 - Chatbot providing health guidance and appointment scheduling.

TCP/IP Stack Simulation

- Dec 2023 – Jan 2024
- Built a fully functional TCP/IP stack simulator using Go, focusing on Layer 2 and Layer 3 functionalities.
 - This interactive simulator allows users to:
 - Model real-world network scenarios.
 - Experiment with network behavior.
 - Serves as a valuable tool for learning and troubleshooting network issues.

CookBook - Recipes & Videos (Android App)

- Jul 2021 – Jan 2023
- Published "CookBook" on the Google Play Store, an Android recipe app designed for foodies of all levels.
 - CookBook offers:
 - Vast library of categorized recipes for easy browsing.
 - Personalized recipe adjustments.
 - Intuitive calendar planning features.
 - Utilized Firebase for real-time data synchronization across devices.

EDUCATION

B.Sc. Computer Science

University of Mauritius
Jun 2023 – Expected Jun 2026

Higher School Certificate

Beekrumsing Ramlallah SSS
Jan 2015 – Dec 2022

SKILLS

Problem Solving | Communication | Teamwork

C++ | Java | Kotlin | Go | Python | Android Development | Dart | Flutter | Supabase | Firebase | Network Simulation | Git | Web Development | Linux | Docker | Virtualization

LANGUAGES

English ● ● ● ● ●
French ● ● ● ● ●