POSHAN PEEROO

Level 2 Computer Science Student

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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　● ● ● ○ ○