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 Android apps and network simulation tools. Eager to leverage 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 national readiness for post-quantum cryptography, identifying potential vulnerabilities in existing cryptographic systems.
- Presented research on the framework at the TestCon 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

TCP/IP Stack Simulation

📅 Dec 2023 – Present

- 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.
  - Configure routing protocols.
  - 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 Secondary School Certificate
Beekrumsing Ramlallah SSS

📅 Jan 2015 – Dec 2022

SKILLS

Problem Solving   Communication   Teamwork

C++   Java   Kotlin   Go   Python   Android Development   Web Development   Git   Linux   Docker

LANGUAGES

English   ●●●●●

French   ●●●○○