

Edwin Mushabati

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SKILLS

- **Languages:** C, C++, Java, Python, Dart
- **Frameworks:** HTML and CSS, Bootstrap, Flutter,
- **Soft Skills:** Adaptability, Contextual Communication, Intentional Listening, Emotional Regulation

PROJECTS

- **Integrated Railway Passenger Facilitation Application:** April 2025
 - Focused on improving passenger experience using ML-based clustering and recommendation systems.
 - Planned deployment using a REST API (FastAPI/Flask) with a front-end webpage or Streamlit app.
 - Made Inclusive station clustering by distance and travel time, and features like route recommendation and delay prediction using weather data.
 - **Tech:** Python
- **Intelligent CPU Scheduler Simulator:** April 2025
 - Simulates FCFS, SJF, Round Robin, and Priority Scheduling.
 - Supports real-time visualizations and calculates metrics like waiting time and turnaround time.
 - **Tech:** Python
- **Online Marketing Platform:** March 2025
 - Provides tools for creating and managing marketing campaigns.
 - Supports real-time visualizations and calculates metrics like waiting time and turnaround time.
 - Allows users to target specific audiences or niches.
 - Includes AI-based features such as automatic caption writing, keyword suggestions, or content personalization.
 - **Tech:** Python, Flutter & Dart,

CERTIFICATES

- Certificate Course on Mastering Java for App Development by Lovely Professional University July 2025
- Packet Switching Networks and Algorithms by Coursera November 2024
- Computer Programming with C++ by NEO-Colab January 2024

ACHIEVEMENTS

- **Successfully completed:**
 - "The Bits and Bytes of Computer Networking" — Google (Coursera). September 2024
 - "Introduction to Hardware and Operating Systems" — IBM (Coursera). September 2024
 - "Peer-to-Peer Protocols and Local Area Networks" — University of Colorado (Coursera). October 2024

EDUCATION

- **Lovely Professional University** Punjab, India
 - *Bachelor of Technology - Computer Science and Engineering:* Since August 2023
- **Canisius Secondary School** Monze, Zambia
 - *12th Certificate* January 2020 - November-2023