ALBIN MAMMEN MATHEW

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EDUCATION

Master of Computer Applications (MCA)   **Expected 2027**
Rajagiri College of Social Sciences, Kochi

B.Sc. Mathematics   **2025**
St. Berchmans College, Changanassery

- CGPA: 8.43

TECHNICAL SKILLS

- **Programming Languages:** Java, C, SQL
- **Web Development & Tools:** HTML, CSS, Flask, GitHub
- **Soft Skills:** Team Skills, Leadership, Critical Thinking, Problem Solving

ACADEMIC PROJECTS

LPP Graphical Method Solver

- Built a Python application to solve Linear Programming Problems using the graphical method.
- Implemented dynamic constraint plotting and feasible region identification.
- Automated the calculation of optimal solutions (maximization/minimization).

Flask Portfolio Website

- Designed and deployed a personal portfolio website using the Flask micro-framework.
- Created a responsive dark-themed UI to showcase education and projects.

Mini Projects

- Developed fully functional terminal-based games: **Minesweeper (C)** and **Number Sliding Puzzle (Java)**.
- Implemented core game logic, recursive algorithms, and state management without external UI libraries.

ACHIEVEMENTS & CERTIFICATIONS

- **Microsoft Office Specialist: Microsoft Excel Expert (Excel and Excel 2019)** - Certiport (May 2024)