

# MATEO ARUMUGAM

## SOFTWARE DEVELOPER GRADUATE

+27 68 104 9537 | mateoarumugam@gmail.com | South Africa, Durban

### EDUCATION

Richfield Institute of Technology, Durban

2022 - 2024

B.Sc IT - Bachelor of Science in Information Technology - **GPA 80%**

### COURSEWORK/SKILLS

- Operating Systems
- Cloud Computing
- Full Stack Web Developer
- Computer Networks
- Software Engineering
- DBMS

### EXPERIENCE

Intern at MR PRICE GROUP TECHNOLOGY, Durban

2024

Role - Software Developer

- Learned and implemented **Advanced Data Structure and Algorithms, Graph, Segment Tree, DP.**
- Developed and maintained scalable web applications using MERN stack (MongoDB, Express, React, Node.js), ensuring fast, responsive user interfaces.
- Developed a user-friendly QA platform with features like real-time search, upvoting and tagging,
- Collaborated with designers to build user-friendly React interfaces, improving load times and user engagement by leveraging lazy loading. React hooks, and component-based architecture.

Intern at YOKICO PTY LTD, Durban | **HTML, CSS, JAVASCRIPT** |

present

Role - Front-end Software Developer

- Maintenance of current e-commerce website
- Conduct implementation new features on website
- Design and Launch Flash Sales

### PROJECTS [Click here to see Portfolio Website](#)

**Memory Card Game - "DIAMOND MIND"** | JavaScript, React.js, Tailwind Css, GItHub

2024

- Developed a Memory Card Game using React.js. implementing dynamic state management and enhancing UI responsiveness.
- Designed a responsive interface with Tailwind css and implemented React Router DOM for ensuring smooth routing and optimised performance.

**Ping Pong Game - "Marios Paddle Battle"** | JavaScript, React.js, Tailwind CSS, GitHub

2024

- Developed a competitive Ping Pong Game using React.js, enhancing real-time user interactions and dynamic UI rendering.
- Built an intelligent AI as 'player 2', that gets more difficult to beat in the game. This increases the level of the game.
- Designed a responsive interface, with colour changes, sound effects and gaming music with Tailwind CSS, optimising performance and cross-device compatability.

### TECHNICAL SKILLS

- **Languages:** Java, C++, JavaScript, SQL.
- **Technologies/Frameworks:** HTML5, CSS3, React, Redux, MongoDB, Express, JavaScript, Node.js, Bootstrap, Tailwind
- **Developer Tools:** VS Code, PyCharm, IntelliJ, Canva