MATHURIKA JESUTHAS

ENTRY-LEVEL FULL STACK DEVELOPER CANDIDATE

CONTACT

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🌐 |Linkedin

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EDUCATION

2021 - 2025

RAJARATA UNIVERSITY OF SRI LANKA, MIHINTHALE —

- Bachelor of Science in Applied Sciences

ADDITIONAL SKILLS

- Developing web applications using HTML, CSS, JavaScript, and PHP, with the Bootstrap library for responsive design.
- Backend development using Node.js and Express.js with MongoDB or PostgreSQL databases.
- Frontend development using React.js with the React Bootstrap library.
- Skilled in using Postman for backend development and API testing.
- Designing user interfaces using Figma.
- Ability to handle API requests efficiently.
- Knowledge of WordPress for web development .

PROFILE

Passionate Junior Web Developer with a solid foundation in programming, problem-solving, and software development principles. Proficient in key languages including Python, JavaScript, PHP, C, and C++, with hands-on experience gained through personal projects and a research project at Rajarata University of Sri Lanka. Skilled in web development, WordPress, database management, and debugging. Known for a quick learning ability, adaptability, and a collaborative mindset, eager to contribute technical expertise and a passion for innovation in a dynamic development team.

SKILLS

Languages	: Javascript|Python|Php|C|C++
Backend development	: Node Js|Express Js|Mysql|Mongo Db |Postgresql
Frontend development	: Html|Css|React js|WordPress
UI/UX	: Figma | Photoshop
Version Control	: Git | Github

PROJECTS

- **ENHANCING RAILWAY SAFETY USING COMPUTER VISION AND CLOUD-BASED TECHNOLOGIES —**RESEARCH PROJECT FOCUSED ON MACHINE LEARNING TECHNIQUES AND THEIR APPLICATIONS.

  - Developed a system to protect wildlife, particularly elephants and bulls, from train-related accidents.
  - Integrated weather forecasting to predict conditions at both current and upcoming locations.
  - Provided train pilots with voice command alerts for potential animal presence and weather hazards.
  - Built using Node.js, Express.js, React.js, PostgreSQL, and YOLOv8.
  - Aimed to enhance wildlife conservation and improve train safety.

- **DYNAMIC PORTFOLIO FOR EASY UPDATE SKILLS -** AN ONGOING PROJECT DEVELOPED USING THE MERN STACK TECHNOLOGY.

  - Developed a dynamic portfolio using the MERN stack (MongoDB, Express.js, React.js, Node.js).
  - Enables real-time updates and easy data management for portfolio content.
  - Allows users to dynamically modify project details, skills, and experience without altering the codebase.
  - Features an intuitive interface for making changes, with updates reflected instantly on the portfolio.
  - Showcases flexibility and ease of use for personal or professional branding.