THENNILA MATHIMAARAN

B.SC (HONS) IN INFORMATION TECHNOLOGY

CONTACT

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TECHNICAL SKILLS

- **Programming Languages**
  Php, Python, C++, HTML , JavaScript, CSS , R
- **Frameworks**
  React , Laravel , Pandas
- **Database**
  MySql
- **Version Control**
  Git and Github
- **Tools & Technologies**
  Figma , Photoshop , Postman , VS code, Power BI , Adobe Illustrator, Canva , R studio , Orange

SKILLS

- Problem Solving
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

PROFILE

I am a self-motivated Information Technology graduate with a passion for data analysis and advanced analytics. My goal is to apply my technical and analytical skills to develop innovative solutions and support data-driven decision-making. I have a strong foundation in data science concepts, including machine learning and storytelling through data. I am eager to contribute to impactful projects and grow my expertise in the field. Collaboration, creativity, and continuous learning drive my professional aspirations.

EDUCATION

B.Sc. Honors in Information Technology   2021-2024
Department of Industrial Management, Faculty of Science, University of Kelaniya

Diploma in Spoken English   2019
Trilingual Learning Centre Jaffna

GCE ADVANCED LEVEL EXAMINATION - BIOLOGICAL SCIENCE
Jaffna Vembadi Girls` High School   2010 - 2018
- A, B, C for Chemistry, Physics and Biology respectively.

WORK EXPERIENCE

SOFTWARE ENGINEERING INTERN, PRIME TECHNOLOGIES

2023 SEPTEMBER-2024 MARCH

- Designed and prototyped interfaces for ERP, eCommerce, and mobile applications using Figma, leveraging advanced features like design systems and prototyping.
- Developed and enhanced front-end functionality using React and Laravel, ensuring responsive and interactive user experiences.
- Collaborated with cross-functional teams to troubleshoot technical issues, refine workflows, and implement optimized solutions.
- Followed **agile methodologies,** contributing to sprints, retrospectives, and collaborative development to deliver high-quality, scalable solutions.

- Gained hands-on experience with technologies like **Figma, React.js, Laravel,** prototyping tools, and design systems.

INTERESTS

- Data Analysis and Visualization
- Advanced Analytics
- Data Storytelling and Reporting
- Business Analysis
- Statistical Modelling and Decision-Making
- Business Intelligence

LANGUAGES

- English (Professional proficiency)
- Tamil (Native proficiency)
- Sinhala (Limited Working Proficiency)

CERTIFICATIONS

- Machine Learning
- Foundations: Data, Data, Everywhere

REFERENCE

Dr. Amila Withanaarachchi

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PROJECT EXPERIENCE

Web Based second hand book marketplace Individual 2023

Technologies - HTML, CSS, Php.

- Developing a user-friendly web-based secondhand book marketplace system, addressing limitations of traditional bookstores and social media sales. Enhanced reach, transparency, and efficiency for users.

Product Management System Individual 2023

Technologies - React, Laravel, MySQL

- Developed a CRUD-based product management system with a dynamic React front-end and a Laravel backend to handle inventory and product operations efficiently.

Distributed Search Engine Group 2023

Technologies - React, Azure Virtual Machine & Docker Swarm .

- Development of an innovative distributed search engine that excels in retrieving search results from diverse distributed data sources.

Cricket Club Management System Group 2022

Technologies - Java , MySql

- Designed a system to manage player registrations, coach assignments, and administrative tasks, streamlining club operations for users, coaches, and administrators.

War Tank Game Group 2021

Technologies - C++

- Developed a mini-game simulating tank warfare, featuring dynamic gameplay and interactive mechanics. Implemented using C++, focusing on efficient coding and team collaboration.

RESEARCH

The Factors Influencing Green IT Adoption in IT organizations in SriLanka Individual 2024

- Conducted in-depth research on factors influencing Green IT adoption. Developed a conceptual framework validated through a survey of 159 IT professionals, identifying actionable strategies for sustainable IT practices. This research highlights analytical, problem-solving, and strategic planning skills, demonstrating the ability to address complex challenges in IT sustainability—key competencies valuable for roles in IT strategy, system optimization, and innovation.

CORE SKILLS

- Data Science
- Cloud Computing
- Artificial Intelligence
- Machine Learning
- Statistical data Modelling
- Data Warehouse
- Natural Language Processing
- Reinforcement Learning
- Data Mining
- Machine Learning
- Data structures & Algorithms
- Software Design Patterns & Frameworks