



NIPUNA YASANGA

PASSIONATE IT INDIVIDUAL | EXPLORING THE BOUNDLESS WORLD OF TECHNOLOGY

Profile

I am a dedicated and driven individual, fueled by a deep passion for innovation and backed by a robust foundation in computer science. My enthusiasm, self-motivation, sense of responsibility, and strong work ethic enable me to excel under pressure and meet stringent deadlines effectively.

Contact

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Expertise

- Front-End Development**
 - Languages: HTML, CSS, JavaScript
 - Librarie: React.js
 - Styling: SASS, Tailwind CSS, Bootstrap5
 - Package Managers: Npm, Yarn
- Back-End Development**
 - Languages: Node.js, Java, Python
 - Frameworks: Express.js, Spring Boot
 - APIs: RESTful API
 - Server: XAMPP, Apache
- Databases**
 - NoSQL Databases: MongoDB
 - Relational Databases: MySQL
 - ORMs: Mongoose
 - Tools: MongoDB Compass, MySQL Workbench
- Tools and Technologies**
 - Version Control: Git, GitHub, GitHub Actions
 - Cloud Platforms: AWS
 - Code Editors/IDEs: VSCode, IntelliJ IDEA, Sublime Text

Projects

» Full-Stack CURD Web Application using the MERN stack

- Developed a full-stack web application using the MERN (MongoDB, Express.js, React.js, Node.js) stack. The application implements CRUD (Create, Read, Update, Delete) functionality with role base user manage to data effectively. Employed YUP schema validation for secure data handling and input validation, ensuring data integrity and user-friendly error handling.
- Technologies Used:
 - React.js/ Node.js/ Express.js/ MongoDB/ TailwindCSS/ YUP Validation/ JWT/Cors/ Axios

» PortFolio Website using React.js

- Developed a responsive portfolio website using the React.js. By implementing a responsive design with CSS, the website effectively showcases my web development skills, projects, and experience. The project is hosted on GitHub Pages with a custom domain, and I created Github Actions to fully automate the deployment process.
- Technologies Used:
 - React.js / HTML / CSS / JavaScript / Emailjs / GitHub / GitHub Actions / Node.js

» Doctor Appointment Management System

- Developed a comprehensive Doctor Appointment Management System using the MERN (MongoDB, Express.js, React.js, Redux, Node.js) stack. The system facilitates seamless interactions between patients and doctors, allowing for efficient appointment scheduling, management, and communication.
- Technologies Used:
 - Frontend: React.js with Redux for state management /Ant Design for UI components.
 - Backend: Node.js with Express.js to create RESTful APIs.
 - Database: MongoDB for storing user data, appointment details, and information.
 - Authentication: JWT / axios for secure authentication and authorization.

» Complaint Management System

- An Interoperatable web-based system for securely maintain complaint registra-tion and management system for university.
- Technologies Used:
 - HTML / CSS / MySQL /PHP

» OneWayLanka Website (Freelance Project)

- Developed and Designed a Course-Selling Website.Created a professional and user-friendly website using WordPress CMS tailored for the client's business needs.Implemented WooCommerce for seamless online course purchases, including payment gateway integration for secure transactions.
- Technologies Used:
 - WordPress CMS / Tutor LMS / WooCommerce / Kadence Blocks

Professional Qualification

- **MERN Stack Master**
Institute of Digital Engineering Technology (PVT.) LTD.
- **Full Stack Master Diploma** (Reading)
Issuing authority Developers Stack
- **Web Dvelopment**
Issuing authority Ceylon WordPress Academy
- **OOP With Java Bootcamp**
Issuing authority STEM Link
- **Certificate in English**
University of Sri Jayewardenepura
- **Certificate in Internet Marketing (CIM)**
Issuing authority Future World IPS
- **Graphic Designing**
Issuing authority Ceylon WordPress Academy

Extra Curricular

- **Organizing Committee**
Infinitum INTSOC Society usj | 2020
- **Facilitator**
Infotel, The National ICT Exhibition | 2020
- **Organizing Committee**
IOT Awareness Workshop Internet Society | 2019

Interests

- **Photography**
- **Gaming**
- **Freelancing**
- **Movies**

Referees

- **Dr. W. Sudesh Udayakantha,**
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- **Mr.Prabath Samarasinghe,**
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» Math Quiz Game

- Implements a simple math quiz game using JavaScript where users can answer multiplication questions, earn scores, and have their scores stored persistently in localStorage.
- Technologies Used:
 - JavaScript / HTML / CSS

Education

- 2017 - 2021
- » • **BSc.(Hons) in Information and Communication Technology**
University of Sri Jayewardenepura, Sri Lanka
Second Class Upper Division
- This program provided a robust foundation in computer science principles, software development. My coursework and projects enhanced my technical skills and problem-solving abilities, preparing me to excel in the dynamic field of IT.

Experience

- 2022 - Present
- » • **IT Instructor**
Institute of Technology, University of Moratuwa
- IT Instructor at Institute of Technology, University of Moratuwa, with 2 years of experience.
 - Conduct practical sessions and provide instruction in:
 - Fundamentals of Programming in Python Programming Language
 - Object Oriented Programing in Java Programming Language
 - Operating Systems (Linux/Ubuntu)
 - Cloud Computing (AWS)
 - Microsoft Office Package
 - Applied Computer Graphics and Multi Media Technologies (Photoshop/Illustrator)
 - Support students in final projects, enhancing skills in:
 - Project Management
 - System designs
 - Research and Analysis
 - Cloud technologies(AWS)
 - Problem Solving
 - Presentation Skills
- 06 Months
- » • **Internship Trainee**
Telecommunications Regulatory Commission (TRCSL)
- Specialized as a Database Developer with a focus on database development and management.
 - Utilized Microsoft SharePoint extensively to design and implement customized database solutions.
 - Developed databases tailored to meet specific organizational requirements. Played a key role in database design, optimization, and maintenance using SharePoint technologies.
- » • **2019 - Present Freelancer**
Fiverr / Upwork / Local Clients
- As a seasoned designer with over 5 years of experience.
 - I specialize in crafting high-quality, creative designs using Adobe Collection.
 - Desing and Develope fully responsive WordPress CMS websites.
 - Implemented on-page SEO best practices to improve the website's visibility in search engines.
 - Maintained regular communication with the client to ensure project require-ments were met on time and within budget.