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

📞 071-24 18 222

✉️ nipunayes@gmail.com

📍 Homagama,Colombo

in Linkedin/nipuna_yasa

⭕ github/nipuna_yasa

🌐 nipunayasanga.me

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:** GitHub, GitLab, 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 registration and management system for university.
- Technologies Used:
  - HTML / CSS / MySQL /PHP

Onewaylanka.com 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,**
  Lecturer,
  Faculty of Applied Sciences,
  South Eastern University,
  Telephone : (+94) 702594596
  sudesh@seu.ac.lk

- **Mr.Prabath Samarasinghe,**
  Acting Dean,Senior Lecturer
  Faculty of Computing and Technology,
  Saegis Campus.
  Telephone : (+94) 773165366
  yprabathme@gmail.com

Futurecarelife.com (Freelance Project)

- Developed and Designed a Healthcare Blogging Website. Created a professional and user-friendly website using WordPress CMS tailored for FutureCareLife's healthcare blogging needs. Implemented a robust blogging platform with categories, tags, and social media integration to engage readers.
- Technologies Used:
  - WordPress CMS / Elementor / WPForms Lite / MonsterInsights Lite

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

- Desing and Develope fully responsive WordPress CMS websites.
- Implemented on-page SEO best practices to improve the website's visibility in search engines.
- As a seasoned designer with over 5 years of experience.
- I specialize in crafting high-quality, creative designs using Adobe Collection.
- Maintained regular communication with the client to ensure project requirements were met on time and within budget.