










# NIPUNA YASANGA

GRADUATE @ UNIVERSITY OF SRI JAYEWARDENEPURA




## 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

-  Java
-  JavaScript / ReactJS
-  NodeJS / Express
-  MongoDB/MySQL
-  Adobe Photoshop
-  Adobe Illustrator

## 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:
  - Programming
  - System designs
  - UI / UX Designs
  - Cloud technologies(AWS)
  - Mobile App Development
  - Machine Learning Algorithm

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

- As a seasoned designer with over 5 years of experience.
- I specialize in crafting high-quality, creative designs
- using Illustrator and Photoshop.

## Professional Qualification

- **Graphic Designing**  
Issuing authority Ceylon WordPress Academy
- **Web Designing**  
Issuing authority Ceylon WordPress Academy
- **Certificate in English**  
University of Sri Jayewardenepura
- **Certificate in Internet Marketing (CIM)**  
Issuing authority Future World IPS

## Extra Curricular

- **Organizing Committee**  
Infinitum INTSOC Society usj | 2018
- **Facilitator**  
Infotel, The National ICT Exhibition | 2018
- **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,  
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- **Mr.Prabath Samarasinghe,**  
Acting Dean,Senior Lecturer  
Faculty of Computing and Technology,  
Saegis Campus.  
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## Projects

### » 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, allowing users to manage data effectively. Employed YUP schema validation for secure data handling and input validation, ensuring data integrity and user-friendly error handling. T
- Technologies Used:
  - React JS / Node JS / Express.js / MongoDB / Tailwind CSS / YUP Validation / JWT

### » PortFolio Website using React

- I developed a responsive portfolio website using the MERN stack (MongoDB, Express.js, React, Node.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 a CI/CD pipeline to fully automate the deployment process.

### » Doctor Appointment Management System

- Developed a comprehensive Doctor Appointment Management System using the MERN (MongoDB, Express.js, React.js, 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 for secure authentication and authorization.

### » Complaint Management System

- An Interoperatable web-based system for securely maintain complaint registration and management system for university using HTML, CSS, MySQL, PHP.

### » Currency Exchange Rates Tracker

- The Currency Exchange Rates Tracker is a tool designed to help users stay updated on the latest currency exchange rates. Whether you're a traveler, investor, or just curious about global currencies, this application provides real-time exchange rates and historical data.
- Key Feature:
  - Currency Conversion: Offers a user-friendly interface for converting amounts between different currencies.
- Technologies Used:
  - React JS
  - Node JS
  - Tailwind CSS

### » 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.

More Projects can be found in the GitHub Profile