

Nipun Maha Mudiyansele

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Portfolio – nipunbandara.vercel.app

Profile Summary

IT support specialist with various experience, currently pursuing a Master's in IT. Proficient in troubleshooting, system maintenance, network administration, and end-user support. Skilled in hardware/software installation, configuration, and technical issue resolution. Adept at improving system performance and ensuring optimal uptime.

Technical Skills

Programming Languages – Python, Java, JavaScript, C++, C, C#, .NET

Frameworks & Libraries – HTML5, CSS, XML, SOAP, ReactJS, NodeJS

Data management & analysis – SQL, MongoDB, GraphQL

Project Management – Jira, GitHub

CI/CD Tools/Cloud Services – Jenkins, Git, Docker, Kubernetes

System Administration – Windows Server, Domain Controller, Domain Name Server, Active Directory and Microsoft IIS configurations

Relevant Coursework – Data Structures and Algorithms, Software Engineering Testing, Cyber Security, Design Patterns

Non-technical Skills

Communication skills, Written skills, Interpersonal skills, Effective working skills in team environments, Problem solving, Adaptability, Time management, Leadership skills, Attention to detail, Excellent documentation skills

Work Experience

Junior Full-Stack Developer

Apr 2023 – Jan 2024

CorsDeck Pvt Ltd – Colombo, LK

- Collaborated with product managers and stakeholders to gather requirements and to prioritize project development.
- Implemented authentication and authorization mechanisms using JWT tokens and OAuth2.
- Implemented caching strategies using React Query and Redux.
- Developed custom integrations with third party APIs such as email providers, QR generators and payment gateways.
- Architected and developed RESTful APIs, to seamless integration with systems.
- Optimized databases and developed efficient API calls using GraphQL.
- Deployed application using CI/CD tools with Docker, Kubernetes, AWS and GCP pipelines.
- Resolved production issues and implemented unit testing using JUnit and Jest.

IT Technician - Part-time

Feb 2019 – Dec 2023

Sunil Electricals – Welipennagahamulla, LK

- Installed and configured generator control modules and ECUs, ensuring seamless integration with existing systems.
- Specialized in supporting and maintaining ComAp, Deep Sea Electronics, SmartGen modules and CAT and Perkins ECUs.
- Provided comprehensive software system support, addressing and resolving technical issues promptly.
- Performed routine maintenance and troubleshooting for hardware and software, enhancing system performance and reliability.
- Delivered exceptional end-user support, facilitating training sessions and efficiently addressing user concerns related to controller modules and other technical issues.
- Handled administrative tasks, including drafting contracts and preparing invoices for the services provided.

Project Experience

Avanoa Web Application

JavaScript | ReactJS | WebGazer.JS | Sass | NodeJS | ExpressJS | MongoDB | Azure | EmailJS

- Alternative communication platform for motor disability people.
- By using the WebGazer library tracking eye movements to interact with the functionalities of the application.
- The application is based on JavaScript following the MERN stack.
- Project was developed following the Agile framework and as MVP versions for an actual client as a final-year project.
- Relevant documentations such as SRS, Technical Investigation Summary, Software Architecture Specification and Project planning were made.

Zoo Melaka Management Web Application

JavaScript | ReactJS | NodeJS | ExpressJS | MongoDB | Postman | Bootstrap

- Full-stack management application using MongoDB, ExpressJS, ReactJS, and NodeJS.
- Project was developed following the agile framework with team members as a university 2nd year project.
- Relevant documentations such as SRS, Technical Investigation Summary, Software Architecture Specification and Project planning were made.

Sparta Event Management Web Application

Java | MySQL | HTML | CSS | Servlet

- Basic CRUD functionalities for management purposes for events using JAVA and MySQL

Gaming Tournaments Mobile Application

Android | Java | Firebase | SQLite

- Android Application using JAVA and Firebase for online gaming tournament management, where players and organizers manage their functionalities.

Peer-to-Peer Application

C# | ASP.NET | MVC

- Peer-to-Peer desktop application to post jobs in Python and execute jobs of each peer automatically.
 1. ASP.Net MVC Web server WPF (.net framework) with multi-threaded (remoting server)
 2. ASP.Net Core Web Application

Education

Master of Information Technology in Software Development

Jan 2024 – Dec 2025

University of Southern Queensland

Bachelor of Computing in Software Engineering

Feb 2020 – Nov 2022

Curtin University

References

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