

Nipun Chamodya Bandara, Maha Mudiyansele

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Portfolio – nipunbandara.vercel.app

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

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

Software Engineer – Self Employed

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 Quarry 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.

Project Experience

Avanoa Web Application

JavaScript | ReactJS | WebGazerJS | 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

Achievements

- Participated in Hash Code (02/2021) - Google
- Participated in CODECON 2.0 (08/2021) - IEEE-SLIIT
- Participated in Mini Hackathon (05/2021) - SLIIT
- Hacker Rank Problem Solving (Basic) Certificate
- Hacker Rank Problem Solving (Intermediate) Certificate

Volunteer Works

Member of FOSS Club

- Helped with workshops, and events related to technology.
- Prepared documents, articles, and journals.
- Maintained websites by developing and continues improvements.

References

Dr. Nuwan Kodagoda

Dean, Faculty of Computing, SLIIT

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Mr. Chathushka Rodrigo

Co-Founder of CorsDeck

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