

Nethmi Nanayakkara

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Portfolio: <https://nethmi-nanayakkara-portfolio.web.app>

Location: Sri Lanka

Professional Summary

Passionate and detail-oriented Full Stack Developer with hands-on experience building scalable web and desktop applications using React, Node.js, Java, and MySQL. Strong foundation in layered architecture, MVC design pattern, RESTful API development, authentication systems, and responsive UI design. Experienced in developing end-to-end full stack solutions including frontend, backend, and database integration.

Technical Skills

Frontend: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap

Backend: Node.js, Express.js, Java, REST APIs, Authentication & Authorization

Database: MySQL, Database Design, SQL Joins, Normalization

Tools & Technologies: Git, GitHub, Firebase, MVC Architecture, Layered Architecture, JavaFX

Concepts: Object-Oriented Programming (OOP), CRUD Operations, API Integration, Form Validation

Project Experience

Bark Buddy – Pet Service Platform

- Developed a full stack web application connecting pet owners with service providers.
- Implemented secure authentication and role-based access control.
- Designed RESTful APIs for bookings and user management.
- Integrated frontend with backend APIs and optimized database queries.

InterviewAce – Interview Preparation Platform

- Built interactive frontend using React and TypeScript.
- Developed reusable components and responsive UI design.
- Integrated dynamic content rendering using API calls.

Serene Mental Health Therapy Center System

- Developed role-based management system using Java and Hibernate.
- Implemented secure authentication with BCrypt encryption.
- Designed relational database schema and managed HQL queries.

Layered StitchWave – Garment Stock Management System

- Built JavaFX desktop application using layered architecture.
- Implemented inventory tracking, salary calculations, and profit reporting.
- Integrated MySQL database with full CRUD functionality.

Pizzeria Management System

- Developed order management system with CRUD operations.
- Designed structured backend APIs and database relationships.

Hotel Site – Responsive Website

- Designed responsive hotel website using Bootstrap and modern UI principles.
- Ensured cross-browser compatibility and clean layout structure.

Education

Undergraduate Program in Software Engineering

Institute of Software Engineering (IJSE)

Expected Graduation: 2027

References

Prasad Waduge

CEO / Senior Trainer – Institute of Software Engineering (IJSE)

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Sri Lanka