Dilini Navodya Kandakkulama

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Software Engineer & Full-Stack Developer : Crafting Exceptional User Experiences

I bring your vision to life through:

➢ **Full-Stack Development:** I design and build robust, scalable web applications, utilizing my expertise across both front-end and back-end technologies.

➢ **Seamless UI/UX Design:** I prioritize user-friendliness and responsiveness in crafting intuitive and visually appealing interfaces, ensuring a positive user experience across all devices.

➢ **Clean Code Advocate:** I maintain a strong focus on writing clean, well-structured, and maintainable code, promoting efficient development and future collaboration.

➢ **Collaborative Teamwork:** I am a team player with excellent communication and problem-solving skills, fostering effective collaboration to deliver projects successfully and on time.

➢ **Technological Versatility:** I am adaptable and passionate about learning new technologies, expanding my skillset through both professional and personal projects.

➢ **Solid Educational Foundation:** My expertise is backed by a strong foundation in software engineering, ensuring I possess the technical knowledge and problem-solving skills to tackle complex challenges.

Industry Exposure (2+ Years)

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❖ **Level 33 Solutions | Brasilia, DF**

Associate Software Engineer - Full Stack Developer (Oct 2023 – Present)

Developed and maintained user interfaces for web applications, ensuring seamless data binding and responsive, visually appealing designs. Collaborated with cross-functional teams and followed coding standards to write clean, maintainable code. Troubleshot and debugged front-end issues, while staying updated on emerging technologies and assisting in testing. Documented technical specifications and designs.

Projects:

➢ **GeseducReact Project:** Developed a School Management system for a medium-scale school using JavaScript, React, Sql

➢ **Essus Project:** Engineered a Hospital Management system for a government hospital using ReactJS, NestJS, TypeScript,and NodeJS.

❖ **IFS R&D International (Pvt) Ltd | Colombo, Sri Lanka**

Trainee Software Engineer - (March 2022 - Oct 2023)

At the commencement of my training with IFS, I followed a two-month training course specially designed to provide new Software Engineers with the necessary knowledge and skills to participate in the development of IFS' Product. This initial training consisted of Oracle SQL, PL/SQL programming, C# .NET programming, introduction to the technical architecture of IFS' Product, layered application architecture, Object Oriented Design and Programming with IFS Developer Studio that integrates the Oracle database and Windows client, working with version control systems and introduction to IFS Report Designer Tools

Projects:

➢ **NGB Project(Next Generation Brazil):** Analyzing and developing Brazilian-specific business flows(Tax Calculation).
Technologies : PLSQL, AurenaScript, JIRA, BitBucket, SourceTree

Personal Projects

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➢ **Movie-Ticket-Booking-System (MERN, JWT)**
Developed a secure Movie Ticket Booking System using the MERN stack with JWT authentication, showcasing proficiency in full-stack development for entertainment and ecommerce

➢ **Research-Project-Management-Tool (MERN, HEROKU) -** Link
Engineered an efficient Research Project Management Tool using the MERN stack, deployed on HEROKU, highlighting expertise in scalable project management applications.

➢ **Train Booking (MERN Azure) -** Link
Developed an advanced Train Booking platform using the MERN stack, emphasizing skills in building scalable applications for transportation with a focus on user-friendly solutions.

- **Stock-Crypto-App (MERN, Transformers, Flask) -** [Link](#)

  Implemented a comprehensive Stock and Crypto App using MERN stack and transformers, showcasing proficiency in financial technology and informed decision making. ([Documentations](#))

- **Web Application for Wonder Lanka Tours (MERN) -** [Link](#)

  Developed web application for a real-world customer who is owned a travel agency using MERN Stack

- **Pharmacy Management System (JAVA , Spring Boot)**

  Developed a secure pharmacy Management System to handle their medicine stock and to issue bills using Java and Spring boot use as framework.

- **RecycloWaste Mobile Application (JAVA, Android Studio) -** [Link](#)

  A mobile application developed using pure JAVA with and firebase as database. This application is used to manage wastage and make clean world.

- **BeachTravelers Mobile Application (Flutter, Dart) -** [Link](#)

  This application is developed for researchers and travelers who are interested in ocean and beaches.

- **Procurement Management System (React, Javascript, Flutter, Firebase) -** [Link](#)

  Customer had a mobile application which is developed using flutter to order items (bricks, sands, metals etc.) while admin can handle their stocks and orders using web application developed with React and JS.

Skills
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- **Programming Languages:** TypeScript, JavaScript, Java, Python, PLSQL, Flutter
- **Frameworks:** ReactJS, NextJS, NestJS, ExpressJS,Springboot
- **Source Control:** GitLab, Azure Repos, GitHub, Git, Source Tree, Bitbucket
- **Databases:** SQL, NoSQL, Oracle Database
- **Project Management:** JIRA, Azure Boards, Bitrix
- **Testing Tools:** Postman
- **IDE:** Visual Studio code, NetBeans, Eclipse, Android Studio

Education
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- **SLIIT | Sri Lanka Institute of Information Technology**   Sri Lanka, Colombo

  BSc (Hons) in Information Technology Specializing in Software Engineering
  Jan 2020 - Dec 2023

- **National Institute of Business Management**

  JAVA Certificate Course
  2019 – 2020

- **Central College, Anuradhapura**   Sri Lanka, Anuradhapura

  General Certificate of Education (Advanced Level) 1C 2S

- **Central College, Anuradhapura**   Sri Lanka, Anuradhapura

  General Certificate of Education (Ordinary Level) 7A's 1B 1C

Referees
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- Mrs. W.M.G. Wijesinghe.
- Finance Manager | Mahaweli water security investment Project
- Mahaweli water security investment project, T B Jayamawatha, Hide park corner, Colombo 10.
- +94 71 800 7005

- Mr. Hashan Thilakarathne
- CEO, Co – Founder | HM Construction
- HM Construction Head Office, 301/1, Walpola, Ragama
- +94 71 151 8871