Tharusha Perera

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Kalutara, Sri Lanka | Postal Code - 12020

SOFTWARE ENGINEER

I'm an enthusiastic Software Engineer, who is eager to leverage strong problem-solving skills and a passion for technology to contribute to a collaborative and innovative team. Possesses a well-rounded foundation in computer science fundamentals, including programming languages, data structures, algorithms, and software design principles. Highly motivated and quick learner, adept at adapting to new technologies and working independently or in a team environment.

PROFESSIONAL EXPERIENCE

Cloud99X   **July 2023 - Present**
Software Engineer Intern
As an Intern, I played a key role in developing mobile and web applications featuring advanced functionalities. My responsibilities spanned both frontend and backend development using on-demand technologies. I focused on delivering intuitive user interfaces, robust backend services, and seamless integrations, ensuring the delivery of a high-quality product that met user requirements and business objectives.

Technologies Used

Mobile Applications - React Native, NestJS, Firebase, Google Maps APIs and Google Cloud Platform

Web Applications - ReactJS, HTML, CSS, Tailwind CSS, NestJS and Firebase

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TECHNOLOGY STACK

- **Programming Languages** - Java, Kotlin, Python
- **Web Development** - HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, Next.js, Shadcn UI, Ant Design, Tailwind CSS
- **Mobile App Development** - React Native, Kotlin
- **Backend Technologies**- Firebase, Supabase, Clerk, Appwrite, SQLite, MongoDB, MySQL
- **Machine Learning** - R
- **Tools** - IntelliJ IDEA, VS Code, Android Studio, Postman, GitHub, Vercel, Stripe

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EDUCATION

BEng (Hons) Software Engineering   **2021 - Present**
Informatics Institute of Technology affiliated with the University of Westminster, UK.

Diploma in English   **July 2021**
ICBT Campus

PROJECTS

- **AI Image SaaS Platform - (Next.js, TypeScript, Tailwind CSS, Shadcn UI, Clerk, Cloudinary, MongoDB, Stripe)**
  This is a cloud-based image editing SaaS application that empowers users to bring their creative vision to life with a powerful features like generative fill, background removal, image recolor, image restore, etc. This app also includes payments and credits system.

- **Notion Clone - (Next.js, TypeScript, Tailwind CSS, Shadcn UI, Clerk, Convex, Edgestore, BlockNote)**
  I have developed a robust and versatile web application inspired by Notion. This application consists of authentication, creating notes and a editor to edit the notes.

- **Grocery Shop (Admin Dashboard) - (Next.js, TypeScript, Ant Design, Supabase)**
  Developed a web application for admins where they can do all the CRUD operations on categories and products, managing the orders and add new admins.

- **Blog App (MongoDB, Express.js, React.js, Node.js, Firebase)**
  A web application for blogging with a user-friendly interface and features to add articles, add comments, and likes.

- **Meal Plan App (Kotlin, SQLite)**
  A user-friendly Android application in Kotlin, integrated with SQLite, allowing users to easily search for meal plans by the meal name and ingredients.

- **Vehicle Dataset Analysis and Energy Forecasting (R)**
  Partitioning Clustering on vehicle dataset and ML model created using NN for energy consumption forecasting.

NON-RELATED REFERENCES

Miss. Melani Silva

Software Engineer / WSO2
077-6494014

Mr. Aasif Shakoor

CEO / Cloud99X
076-8551032

I hereby declare that all the particular stated above are true and accurate to the best of my knowledge and belief.

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B. T. R. Perera

15/06/2024
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Date