
ISHARA RATHNAYAKE

Software Engineer

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<https://github.com/ishara11rathnayake>

PROFILE

An innovative software engineer with 3 years of experience in web and mobile app development. Adaptable to changing requirements and proficient in multiple programming languages. Possesses strong interpersonal skills and an enthusiastic approach to problem-solving. A hardworking and competent professional with a strong attention to detail and a proven track record of delivering reliable and high-quality solutions. Effectively worked with cross-functional teams and managed projects from concept to deployment.

TECHNICAL SKILLS

- **Front End Technologies:** React, Angular, Tailwind CSS, CSS, SASS, Storybook, Axios, React Query, Redux Toolkit, Jest, Next.js
 - **Back End Technologies:** Node.js, Express
 - **Mobile Technologies:** React Native, Android
 - **Languages:** TypeScript, JavaScript, JAVA
 - **Other:** Docker, Git, AWS
 - **Tools:** IntelliJ, WebStorm, Android Studio, Visual Studio Code, Figma
 - **Databases:** MySQL, Mongo DB, Firebase
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WORK EXPERIENCE

Software Engineer at Playbook Technologies (Pvt) Ltd - Remote

May 2022 - Current

- Built a booking platform that enables users to reserve sports venues using React Native & Firebase
- Collaborated with stakeholders to identify business needs and opportunities for improvement
- Provided ongoing analysis and support to optimise app performance and user experience

Software Engineer at Digital400 (Pvt) Ltd

July 2022 - January 2023

- Built a powerful Recruiting System using React.js, placing a particular emphasis on building a robust web application that enables automated reference checking
- Played a part in the development of an e-commerce platform for NZSafetyBlackwoods (Wesfarmers), utilising Next.js for the implementation
- Participated in code reviews and ensured that all code adheres to industry best practices
- Involved in time estimation and sprint planning
- Collaborated with cross-functional teams to understand business requirements and develop technical solutions

Software Engineer at Hatchyard (Pvt) Ltd

September 2021 - April 2022

- Developed & maintained robust web and mobile applications for online stock trading using Ember.js
- Involved in developing Cordova wrapper for Ember.js mobile application
- Developed a Cordova plugin that automatically reads OTPs

Software Engineer at Ingenii Lanka (Pvt) Ltd

June 2020 - August 2021

- Designed, built, and launched a GPS tracking and fleet management mobile application using React Native all by myself, starting from scratch
- Contributed to the development of Ingenii GPS Tracking Platform's web application by improving performance, and developing real-time vehicle tracking and reporting modules
- Contributed to implementing a lightweight socket server for asset-tracking devices
- Maintained backend services for report creation, alert management, and notifications
- I was involved in developing web applications for contact tracing during the COVID-19 pandemic, managing construction projects, and creating a native Android app for workforce management

Trainee Software Engineer at Virtusa (Pvt) Ltd

September 2018 - March 2019

- Assisted in developing a Java enterprise application for MTN, the largest telecommunications company in Africa, with a specific emphasis on provisioning and billing services.
 - Created documentation and tested software application
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EDUCATION

BSc. (Hons.) Software Engineering (First Class)

University of Kelaniya (2016 – 2020) – GPA = 3.7077/4.0

Skills – Net-Centric Applications, Mobile Computing Applications, Data Science

PROJECTS

Play.Book

Technologies – React Native, Typescript, Firebase

All in one sports app ecosystem and booking platform

LabourHub

Technologies – React, Tailwind CSS, Redux Toolkit, Storybook, Axios with React Query,

Labour Hub is an all-in-one recruitment software built as a robust ATS and CRM for labour hire agencies

RefHub

Technologies – React, Axios with React Query, Tailwind CSS, Redux Toolkit

RefHub is a solution for automated reference checking – built for an optimum candidate and recruiter experience

ShopNX

Technologies – Next.js, Tailwind CSS, Storybook, Redux Toolkit

ShopNX is the online store that allows New Zealand Safety Blackwoods customers to purchase products including helmets, gloves, eye protection, etc.

SFC, Alkhabeer, Falcom, ICAP, Nefaie, ANBI

Technology – Ember.js, HTML, CSS, Handlebars, Cordova

Online stock trading platform that allows users to monitor real-time prices, online trading, and analyse stocks using different methods to make decisions and view news and announcements

RANGER IoT HUB

Technology – MEAN stack, Socket.io, MySQL, AWS, Docker

“Ranger” IoT Hub provides a versatile platform to build multiple IoT solutions

RANGER FLEET

Technology – React Native

Mobile application for tracking vehicles using GPS and fleet management

Feature-Based Classification and Summarisation of Product Reviews Using Machine Learning Methods – Research

Technology – Python, NLP

FarmNET

Technology – Android, NodeJS, Express, MongoDB, Firebase

Farmer and Buyer networking system. Mobile solution for farmers to connect with buyers and sell their crops at a good price

ACHIEVEMENTS

- Became the 1st Runner Up team in CodeSprint 4.0 hackathon organised by IIT Sri Lanka.
 - Received colours for cricket in 2016, 2017, 2018 & 2019 at the University of Kelaniya
 - Awarded 1st Runner Up in the inter-university games (SLUG) – Cricket
 - Runners-up at Digital Dreams Robotics Competition
 - Captain of the University of Kelaniya cricket team
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REFERENCES

Mr. Alex Gunalam

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