Arushan Manoharan

Software Engineer

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PROFILE

I am a hardworking and ambitious individual with a great passion for the Computer Science and Software Engineering industry. I have excellent communication skills, enabling me to communicate with a wide range of people effectively and have good leadership skills. My passion in life is utilizing my technical knowledge to benefit others and associations.

EDUCATION

BEng(Hons) in Software Engineering
University of Westminster (Informatics Institute of Technology)
2019 – 2023 | Westminster, UK
Grade : **Upper Second Class Honours**

Diploma in Information Technology
ESOFT
2016 | Colombo, Sri Lanka

Schooling
Hindu College Colombo - 04
2018 | Colombo, Sri Lanka

LANGUAGES

English | Tamil | Sinhala

💼 PROFESSIONAL EXPERIENCE

Software Engineer Intern (1 Year)
SCM Studio Pvt Ltd ⌞
Jul 2021 – Jul 2022 | Colombo, Sri Lanka

- Worked on BRIDGE Shipment Tracking Management Web Application as a Full-stack Engineer.
- Implemented R&D task on Configurable shortcut keys for user in BRIDGE.
- Implemented Changelog (What's New in version).
- Worked as a Front-End Developer on BRIDGE ERP System.
- Implemented BRIDGE Dynamic Imports component & Hosting.
- Worked on Frontend Optimization.
- Developed a MERN stack application and hosted on Heroku and Firebase to keep on track with container deposit for BRIDGE.
- Worked on SCOOTIX Mobile & Web Delivery Management Application.
- Optimized and released Apk for staging and testing environments with App Center.
- Performed necessary documentation for developed features under confluence.
- Worked under Microservice Architecture & Agile Methodology.

Used Technologies: ReactJs, Next.js NodeJs, TypeScript, Redux, React Native, MongoDB, PostgreSQL, RESTful API, Git, Firebase, Ant-Design, Bootsrap, MaterialUI, Ubuntu
Contributions : FrontEnd, BackEnd, UI/UX, API, Hosting and Testing

🧠 SKILLS

- Java Script | ES6 | Java | Python
- ReactJS | Next.js | Redux | Axios | Angular
- NodeJS | TypeScript | ExpressJS
- HTML5 | CSS | SCSS | Bootstrap | Material UI
- UI/UX | Front-End Development
- OOP | Machine Learning | JavaFX
- RESTful API
- MySQL | PostgreSQL
- Firebase | MongoDB
- React Native | Swift UI
- Agile | Microservices

🧩 TOOLS AND TECHNOLOGIES

- Git | GitHub | GitLab
- Jira | Postman
- Figma | Adobe XD
- Visual Studio Code | IntelliJ IDEA
- Android Studio | XCode
- MySQL Workbench | Anaconda | Google Colab
- Ubuntu

🔧 INTERESTS

Sports (Cricket, Batminton, Carrom, Football),
Video Editing, **Dance**, **Traveling**

🏅 AWARDS

Stage Craft Group dance Runner
Feb 2020
Informatics Institute of Technology

Annual Sports Meet - Cricket Winner
2019
Informatics Institute of Technology

Annual Sports Meet - Cricket Winner
2017
Hindu College - Colombo

🏠 ORGANIZATIONS

Rotaract Club of IIT
Member
Sep 2019 – May 2022 | Colombo, Sri Lanka

IIT Pongal
Vice President
2022/2023 | Colombo, Sri Lanka

Committee Member
2019/2020 | Colombo, Sri Lanka

📜 CERTIFICATES

The Complete React Developer Course (W/Hooks and Redux) ⧉

React.js: Building an Interface ⧉

Machine Learning with Python: Foundations ⧉

Agile Software Development: Scrum for Developers ⧉

Git Essential Training ⧉

⚕ REFERENCES

Mr. Guhanathan Poravi,
Senior Lecturer/Course Leader,
Informatics Institute of Technology
Guhanathan.p@iit.ac.lk, +94773423330

Mr. Arshad Azaad, *Technical Lead*,
TASA Lanka Pvt Ltd
arshad.azaad@tasa.com.my,
+94775842381

📁 PROJECTS

CRICKBID-ML ⧉
Final Year Research Project
Aug 2022 – Jun 2023
Selected for the Cutting Edge. DEMO Link ⧉
Recommending a Suitable player to bid in the IPL auction. To consider all the best batting features of the players created a novel statistical point generating formula approach. Additionally, build players overall, away, home, and recent performance calculation in four different model categories to achieve the accurate points based performance ranking and recommendation for the players.
- Used Technologies - React, Flask, FastAPI, Machine Learning, Python

ERP System
SCM Studio Pvt Ltd. Jan 2022 - Mar 2022
ERP Web App with Front-end functionality and UI/UX design.
- Used Technologies - ReactJS, AntDesign , Figma

Task Management System ⧉
Sep 2023
The system allow users to create, update, Filter and manage tasks.
- Used Technologies - ReactJS, NodeJS, MySQL, RESTful API

CANINE ⧉
IIT affiliated with University of Westminster
Sep 2020 – Apr 2021
University Second Year Software Development Group Project. Dog breed and disease Identification Web Application. Worked as a Front-end developer and Team lead for this project.
- Used Technologies - ReactJS, NodeJS, REASTful API, Bootstrap, MongoDB.

Pizza Native App
Feb 2022
A IOS Application that allows user to add, rate, add comments and delete pizza from chart with some API calls.
- Used Technologies - SwiftUi and Xcode

Football league Manager ⧉
Nov 2020
A Full stack web application which involves CRUD operations with File handling, also functions with communicating APIs.
- Used Technologies - Java, RESTful API, Spring boot and Angular.

Train Seat Booking System ⧉
Apr 2020
Application to track passengers and booking details by passenger details which involves CRUD operations.
- Used Technologies - Java and JavaFX