



Arushan Manoharan

Software Engineer

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🔗 Portfolio

📄 PROFILE

I am a self-starter and ambitious individual with a great passion for the fast-paced setting 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.

🎓 EDUCATION

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

Diploma in Information Technology
ESOFT ☑
2016 | Colombo, Sri Lanka

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

🧠 TECHNICAL SKILLS

- JavaScript | ES6 | Java | Python | TypeScript
- React.js | Next.js | NodeJS | Spring Boot | Redux
- Express.js | RESTful API | Microservices | Axios
- HTML5 | CSS3 | SaaS | Bootstrap | Tailwind CSS
- UI/UX | React Native | CI/CD
- OOP | MVC | SOLID | Troubleshooting
- MySQL | PostgreSQL | MongoDB | ORM
- MERN stack | Machine Learning | jQuery

🛠️ TOOLS AND TECHNOLOGIES

- Git | GitHub | GitLab | Agile | JIRA | Slack
- Visual Studio Code | IntelliJ IDEA
- Swagger | Android Studio | Heroku
- MySQL Workbench | pgAdmin | Figma
- Photoshop | Illustrator | Adobe XD | Premiere pro
- Docker | NPM | Webpack | Postman

📁 PROFESSIONAL EXPERIENCE

Associate Software Engineer **CeylonX (Private) Limited.**

Aug 2024 – Nov 2024 | Colombo 01, Sri Lanka

- Human Resource Information System Architecture Design & Implementation.
- Implemented Microservice Architecture for Human Resource Information System.
- Implemented Employee Attendance Tracking Management feature.
- Designed a self-service portal for streamlined employee self management.
- Configured micro-frontend architecture for independently deployable features.

Used Technologies: React.js, Spring Boot, PostgreSQL, RESTful API, Microservices, Micro-Frontend, Flyway Migration, Swagger, Database Design

Software Engineer Intern

SCM Studio ☑ (1 Year)

Jul 2021 – Jul 2022 | Colombo 03, Sri Lanka

- Worked on BRIDGE Shipment Enterprise Management Web Application as a Full-stack Engineer.
- Implemented Configurable shortcut keys for users in BRIDGE.
- Implemented BRIDGE Dynamic Excel Imports feature to track shipments.
- Implemented Changelog (What's New in version).
- Implemented a robust Network Connectivity Status Monitoring feature.
- Developed fully functional UI for ERP system (which is 120 UI Screens)
- Developed a MERN stack keep on track with container deposit for BRIDGE.

Used Technologies: React.js, Node.js, Express.js, TypeScript, Next.js, MongoDB, PostgreSQL, RESTful API, Microservices, Troubleshooting, Sequelize, Flyway Migration, Figma, UI/UX, Ubuntu, CI/CD, Docker, Firebase, Agile

PROJECTS

CRICKBID-ML

Final Year Research Project
2022 – 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.js , Machine Learning, Python, Java Script

SummarizeAI with OpenAI

Mar 2024

The Article Summarizer App benefits user from seamless access to their thesis search history, stored conveniently in local storage.

- Used Technologies – React.js, ReduxToolkit, Tailwind CSS, Rapid API

Spotify Clone

Jun 2024

This project aims to mimic the core functionalities of Spotify using JS functions, providing a similar user interface and experience.

- Used Technologies – React.js, Tailwind CSS, ContextAPI, React Router

ERP System

SCM Studio Pvt Ltd.

2022 – 2023

Web app to ERP Worked on Front-end and UI/UX design.

- Used Technologies – React.js, Bootstrap, Ant-Design, Java Script, Figma (UI/UX), Firebase

CANINE

2020 – 2021

Dog Breed and Disease Identification based on dog Image and symptoms Web Application. Worked as a front-end developer for this project.

- Used Technologies – React.js, Node.js, Express.js, Bootstrap, MongoDB, Postman, Agile, MVC, Figma, Git, Java Script, Python

Football league Manager

2021

A Full stack web application with involves in CRUD operations with File handling, also functions with communicating APIs.

- Used Technologies – Java, Spring boot, MySQL and Angular.

TASA

Jul 2022 – Aug 2022 | Colombo 04, Sri Lanka

- Worked on SCOOTIX Mobile & Web Delivery Management Application Project.
- Optimized and released Apk for staging and testing environments with App Center.

Used Technologies: ReactJs, React Native, SQL, Node.js, MongoDB, RESTfull API and Cypress

Frontend Developer

CANINE

Sep 2020 – June 2021 | Colombo, Sri Lanka

- Dog Breed and Disease Identification based on dog Image and symptoms Web Application.

Used Technologies: React.js, Node.Js, Express.js

KEY SKILLS

- Quick learner of new technologies.
- Collaborative Problem Solver
- Ability to work both as a team and independently.
- Excellent communication skills
- Manage multiple projects simultaneously
- Troubleshooting | Coding and Debugging

INTERESTS

- Sports
- Video Editing
- Dance

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

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

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