THUSHITHA MANOKARAN

Software Engineer

TECHNICAL SKILLS

Programming:
JavaScript, TypeScript, Java, Python, C

Front end development:
HTML, CSS, JavaScript, React, Next.js, Angular

Back end development:
Node.js/Express.js, Spring boot

Mobile app development:
React Native

Databases:
MySQL, MongoDB, Firebase

Version control:
Git, Github

Cloud:
Netlify, Heroku

SOFT SKILLS

Problem solving
Team working
Leadership
Effective communication
Writing
Quick learning

ABOUT ME

Passionate, hardworking, responsible and self-motivated individual who is willing to accept challenges and explore new tools and technologies. Currently looking for work opportunities in Software Engineering.

EDUCATION

University of Moratuwa, Faculty of Information Technology
BSc. (Hons.) in Information Technology | 2018 - Present

- CGPA - 3.63 / 4.2 (Up to Level 3 Semester 2)
- Dean's list in semester 1 and 3

Nelliady Central College
Secondary Education | 2008 - 2016

- G.C.E (A/L) Physical Science - 2 A, 1 B
- G.C.E (O/L) - 8 A, 1 C

WORK EXPERIENCE

H3 Dynamics
Software Engineer (Part time) | 2022 Nov - Feb

- Working as a part time Software engineer for 4 months
- Primary responsible for developing a mobile application for the company's internal usage
- Developed modules for session management, defects plotting on building plans, media recording and uploading, chat conversations and mobile notifications
- Also involved in wire frames design and plannings
- **Technologies used: React Native, Redux, Firebase, Figma**

Rootcode
Intern Software Engineer | 2022 Jan - July

- successfully completed a 6 month internship as a Software engineer
- Primary worked with Rootcode AI's projects and was solely responsible for the entire frontend of the applications
- Coordinated with backend engineers, UI/UX designers and team lead to successfully complete the project
- Worked on Admin application for chatbot management and Rootcode's own Converse AI application
- **Technologies used: React, Redux, Tailwind CSS, Firebase, FastAPI, Web sockets, git**

CONTACT

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Github
github.com/mthushi

Hackerrank
hackerrank.com/mthushi

Portfolio
thushitha.com

EXTRA CURRICULARS

- Gold, silver medal winner, participant in national level English Day - creative writing competitions
- Silver medal winner, participant in national mathematics Olympiads

REFEREES

Mr S. Thuvarahan
Solutions Architect,
H3 Dynamics
(Supervisor)
thuva@h3dynamics.com
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Dr. K. A. Sagara N. Sumathipala:
Lecturer,
University of Moratuwa,
(Academic advisor)
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PROJECTS

Automated Government Higher Education Course Selection System in Sri Lanka
Level 4 Research Project | 2022 Aug - Present

- An automated government university course selection system which assists the students who are struggling to prepare the course preference list when applying for state universities
- Responsible for z-score prediction module which predicts z-score for coming year for existing courses as well as new courses
- **Technologies used - Python, React, MongoDB**

Mint Suites
Freelance Project | 2022 Mar - Apr

- A web application for salon chain management
- Worked on bug fixing and adding new feature in modules like rent collection, salon space booking, salon service booking and user management
- **Technologies used - React, Redux, Bootstrap, Node.js, MySQL**

Reimbursement System
Software Project - Creative Software | 2020 May - 2021 May

- Developed web application (for Creative software - Mentor) to facilitate the reimbursement process of employee such as requesting payment, submitting receipts, approving payments (by team lead and finance department), notifying changes, generating reports.
- Was responsible for implementing admin module, team lead module and finance department module
- **Technologies used - React, Bootstrap, Spring boot, MySQL**

Pedestrian protector
Hardware project | 2019 Jan -2020 Jan

- Developed a micro controller based system to help pedestrians and drivers safely navigate pedestrian crossings, by using vehicle detection, vehicle notifications and pedestrian notification
- **Technologies used - Atmega32, Infra Red sensor, Ultrasonic sensor, Radio frequency module**

ACHIEVEMENTS

Code rush - Top 20
- A coding competition organized by INTECS of Faculty of IT, UOM on HackerRank platform.

HackMoral 3.0 – Top 20
- A coding competition organized by INTECS of Faculty of IT, UOM on HackerRank platform.