Yasas Dilshan Ekanayaka

Senior Software Engineer

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PROFILE

A self-driven individual, constantly looking to push himself out of his comfort zone to develop himself. A quick, independent learner, willing to try new things and accept challenges. Focus areas include Programming, web development and mobile development. Firmly believes that there are no good or bad experiences, but only experience.

TECHNICAL SKILLS

Languages
JavaScript, TypeScript, C++, C, Java, Python

Web & Mobile Development
React, React Native, Next, NodeJS

Database
MySQL, Firestore

Other
Git, Jira, Confluence, Jenkins, Firebase, Arduino, Raspberry Pi

EDUCATION

- **BSc (Hons) in Computer Science**
  - University of Colombo School of Computing (2018 - 2022)
  - GPA: 3.7583 - First class honours

WORK EXPERIENCE

- **Calcey Technologies - Singapore (Remote) | Full-time**
  Senior Software Engineer | 2024 January - Present
  Software Engineer | 2022 November - 2023 December

  Working on a customer project (AiScout - UK based sports talent discovery and development company) with Fullstack development.
  - Tech stack: Next, React, TypeScript, tRPC, MySQL

- **Enactor Limited - Sri Lanka | Full-time**
  Software Engineer | 2022 May - 2022 November

  Worked on a customer project (CentralGroup - Retail company) by developing a POS-Based system.
  - Tech stack: Java, React, MySQL, Enactor framework

- **hSenid Mobile Solutions - Sri Lanka | Intern**
  Software Engineer | 2020 October - 2021 April

  Worked on several projects with software development and research and development
  - Tech stack: Java, Springboot, Kotlin, React, MySQL

ACHIVEMENTS

Dotitude Challenge 2020 Organized by 99x technologies
Completed all the tasks (Rank: 01 | user: YasasDEK)
Dashboard: https://www.hackerrank.com/contests/dotitude-weekly-challenge-2020/leaderboard/2

Duothan 1.0 organized by the IEEE Student Branch of NSBM
Finished at Top 10
Certificate: https://drive.google.com/file/d/1Yionh4tQPEJDUZkIgQbZSv_guQmvCBp1/view?usp=sharing

IEEEXtreme 13.0 (2019)
University of Colombo #8 | Sri Lanka #82 | Region #543
Certificate: https://drive.google.com/open?id=1mIj7xJgLBfuCh3Mq4PjRGPSYbFqYdfMs

PROJECTS

- **AiScout - Control Center | Calcey | 2023**
  Tech stack: Next, Typescript, MySQL, tRPC
  This is a web-based admin panel to manage all the users (players and coaches) in the system.
  I'm working as a full-stack developer on this project

- **Tickle - Cleaning System | NewNop | 2023**
  Tech stack: React, Typescript, MySQL
  This is a Web and Mobile-based system that manages the users to do the cleaning tasks in a Korean company called Tickle. I'm working as a front-end web developer on this project.

- **SONLAK - Driver Management System | NYG Labs | 2022**
  Tech stack: React, JavaScript, MySQL
  This is a Web and Mobile-based system to do driver management in an Australian company.
  I worked as a front-end developer on this project and developed the admin panel.

- **Retailer Subscriber Application | hSenid mobile (PVT) Ltd | 2021**
  Tech stack: Springboot, MySQL
  This is an application based on USSD transactions for Robi Bangladesh.

- **Release note manager | hSenid mobile (PVT) Ltd | 2021**
  Tech stack: Java, Kotlin, Jooq, React, TypeScript, Docker
  This is a web-based system to handle the release notes in the company.

- **E-bass.lk | UCSC 2nd year group project | 2019**
  Tech stack: Angular, NodeJS and Firebase
  A web-based system for connecting the workers (masons, carpenters, painters etc) with their users. This system allows workers to promote themselves and clients to book them according to their essentials.
  GitHub: www.github.com/YasasDEK/ebass.lk-new

- **Lava Foods - Food App | 2020**
  Tech stack: React-native, Firebase, JavaScript, nodeJS
  A mobile-based system to order and deliver food. And also, this facilitates putting food items for the shop owners. (As an assignment for the mobile application development module)
  GitHub: https://github.com/YasasDEK/Lava-Foods--React-Native

- **Covid-19 dashboard | 2020**
  Tech Stack: Angular, NodeJS and Firebase
  A web-based dashboard to get the situational details about the COVID-19 virus.
  Web site: https://covid19-dashboard-8f24a.web.app/#/home
  GitHub: https://github.com/YasasDEK/covid19-dashboard

- **AsstRob | UCSC 3rd year group project | 2020**
  Tech Stack: Raspberry Pi, Python
  From this project, we developed a prototype of an assistive robot for patient care.
  GitHub: https://github.com/AsstRob/AsstRob

RESEARCH & DEVELOPMENT

- **Applying deep learning for morphological analysis in the Sinhala language**
  Teck stack: Python, Used deep learning architectures (RNN, LSTM, GRU)
  This is my 4th-year research project. This research is about identifying morphemes and the corresponding definitions using deep learning.
  Credit: A
  Published paper: https://icter.sljol.info/articles/10.4038/icter.v16i2.7262

- **PGW core transactions dashboard | hSenid mobile (PVT) Ltd | 2020**
  Teck stack: Prometheus, Loki, Grafana, Promtail, Grok exporter
  This was a research and development project on analysing the log transactions of the company system.

CLUBS & SOCIETIES

- **IEEE Computer Society Student Branch Chapter of UCSC (2019-2020)**
  Head of finance - "IntelliHack'19" (First ever machine learning hackathon in Sri Lanka)

- **AIESEC in University of Colombo (AIESEC in Colombo Central) (2019-2020)**
  Organizing Committee Vice-President - Marketing Project ArchiTech 2019

- **Ananda College Western Music Association (2015-2016)**
  Organizer - Vivace 2016

- **Ananda College Science Union (2015-2016)**
  Organizer - Scientia 2016

- **Asoka College Prefects' Guild (2011-2013)**
  Prefect

- **Asoka College Debating Club (2008-2013)**
  Member

REFERENCES

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