Israel Tekahun Basha

SOFTWARE ENGINEER

Profile

I am a driven software engineer who thrives in projects where I can contribute my knowledge and be an asset to my colleagues. In the projects I work in, I put the organization's needs/customer's needs in focus. Now that I have graduated, I am ready to begin my working life and apply my knowledge. As a person, I am unpretentious, calm and ambitious.

Education

Software engineering, Blekinge Institute of Technology, Karlskrona

AUGUST 2017 — JANUARY 2021

The education gave me important skills in software development and basic knowledge in web development. During the program, I also worked on three large student projects at three different companies, where I learned how to work agile and in groups.

Computer science, Umeå University, Umeå

AUGUST 2014 — JUNE 2016

Programming in C, object-oriented programming methodology, mathematics for computer scientists, interaction design, programming in python, the building blocks of computer science and other individual courses that are relevant in software development.

High school, Lineéskolan , Uppsala

FEBRUARY 2011 — JUNE 2014

Employment History

Student project, Softhouse, Karlskrona

AUGUST 2018 — OCTOBER 2018

In this project, my assignment was to develop an employment management system for Softhouse in Karlskrona. The system was needed to make it easier for the employees to let others know when they would be absent from work, for what reason and for how long. I developed the system using Node.js and MySQL as a back-end and Bootstrap for the front-end. I also used Cron job to schedule the clearing of the absence information automatically should the employee would come the next day.

Student project, Cogitel, Karlskrona

APRIL 2019 — JUNE 2019

We were five students that participated in this project to develop a prototype for ICA in Ronneby, karlskrona. This assignment was given to us by Cogitel to develop a system that would collect motion and humidity data in the ICA's local and present it in an overview. Two of us collected the data from the sensors and exported it to AWS. The rest fetched the data from AWS and presented it in the supermarket's blueprint using heat maps. We used MicroPython to collect the data from pycom sensors and to also export the data to AWS. The overview was made using React.js.

Student project, CGI, Karlskrona

JANUARY 2020 — JULY 2020

At CGI, eleven students including me made a system for kustbevakningen in Karlskrona to digitize their document management and synchronize data between their databases. The synchronization was needed due to the boats would go on a duty where new data would be registered and it needed to be synchronized as the boats came back to the shore. The assignment that I did with three of the students here was to synchronize the MongoDB databases on the boat and land using Spring Boot. Apart from this, I also participated in the stand-ups, the design process and even some presentations that we had every Wednesday.

Details

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Links

- Online text-based role-playing game
- Platform for language learning
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Competences

- Git
- Java
- Linux
- Agile methodologies
- MySQL
- Python
- JavaScript
- Node.js
- C
- Bash
- CSS
- HTML
- React.js
- OneDrive API
- StencilJS
- Typescript
- AWS

Languages

Swedish
Amharic
English