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Linkedin Profile
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I am studying Software Engineer at DTU. I have done more than 6 semesters at Technical University of Denmark. I learned a lot and developed a few apps and websites. I worked with Java, Kotlin, Go, C, C++, Python, R, and Others.

Technical Skills

Likes: java c++ python R go kotlin javascript compose flutter shell-script github algorithm devops aws-ec2 digital-ocean react typescript html css bootstrap material ui vue nodejs mongodb mysql redis apache kafka stripe docker kubernetes network-security linux docker grafana prometheus nginx monolith microservices design-pattern

Experience

Student Job – Cryptera A/S Company   *Jun 2022 → Oct 2022*
Python, Pytest, Mock Test, Jenkins, Problem Solving

The project scope was to have mock test for the embedded device functionalities. Beside that I solved multiples problems:

- Figure out a way to spawn the NUC's on, then build the software's pipeline on Jenkins, after that turn off the NUC's again.
- Find the best practice methodologies in pytest before writing the test (Global functions, Mock functions, Pytest result on Jenkins pipeline).

Internship – Cryptera A/S Company   *Feb 2022 → Jun 2022*
Documentation, Architecture, C++, TR31, CMake, Jenkins, Groovy, CI Pipeline

The project scope is to establish a communication and run some commands on the Embedded Device.

- Making a software for Linux-64bit and Windows-64bit by C++
- DLL libraries: Invoke DLL libraries during run time.
- TR31: Generate a block to interchange a symmetric key in a secure manner.
- CMake: Handle software compilation process.
- GDB: GNU Project Debugger during the executing time of the program.
- Doxygen: Generate Documentation for C++ source code.
- Documentation: Provide developer and customer documentations.
- JenkinsFile: Provide a script in Groovy to build, test, and generate artifacts.
- Jenkins(Continuous Integration): Run multi-stages in parallel then Get the artifacts files that are ready to execute on Windows 64 bit and Linux 64bit.

Instructor – Software Processes and Patterns   *Aug 2021 → Dec 2021*
Agile, Jira, Design Patterns, Report, State and Activity charts

- My current position is as a teacher assistance TA, which is responsible for 5 groups of students. I keep track on them and make sure to help them, when they have any doubt about the subject.

Semster 05: Web and App – (I worked on multiple projects this semester)   *Aug 2021 → Dec 2021*
reactjs, vue, golang, devops, kotlin

I worked on Web and Android applications in a group and alone. In the web app, we built a service website by using React(Frontend), Go(backend) and DevOps pipelien. For the android app we built a Crypto app by using Kotlin.

- https://github.com/M0-AR/DevOps
- https://github.com/M0-AR/go-admin
- https://github.com/M0-AR/vue-admin
- https://github.com/Anthai87/CryptoApp
- https://crystalclearenergy.netlify.app/ Just Html and Css

Semster 04: web developer – https://github.com/M0-AR/CDIO_04_Android   *Feb 2021 → June 2021*
Java, Python, R, computer vision, machine learning, trllo(project mangement)

Working on image detection to solve Solitaire game in real time and processing different data sets with using different machine learning algorithms.

Machine learning and data mining project https://github.com/M0-AR/BigData

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Semster 03: app development – https://github.com/M0-AR/SportEvent_Project   *Aug 2020 → Jan 2021*
java, agile(scrum), management tool

Worked with a group to develop an android application that enabled organizers to create an event, then let the users join that events.

- We developed an app that enabled organizers to set starts, goals, routes and depots by using a GPX-format file in for every activity.
- During the implementation, the participant logs in to the app and can follow the planned route by using google maps.
- As participants complete, their results appear in a comprehensive summary of results, which the participant can share on social media (e.g. Facebook and Instagram).

Side project https://github.com/M0-AR/Galgeleg-android

Semster 02: web app full stack – https://github.com/GRP25/CDIO_Final/tree/master   *Feb 2020 → June 2020*
java, html, css, tailwind, javascript, linux, aws-ec2, mysql

Worked on develop a web application for a pharmaceutical company to help administrate various commodities, users and products to store information online in database and display data in web-browser.

Semster 01: Monopoly game – https://github.com/CKyed/CDIO_final   *Aug 2019 → Jan 2020*
java, MVC, grasp

Worked on develop a Monopoly game that enabled user to play it by running a jar file.

Tools

Favourite Editor: Android studio, Visual studio code, Visual studio, IntelliJ IDEA, Vim