

HAFSAH HUSSAIN AHAMED

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EDUCATION

Sep 2023 – present
(graduating in Apr 2027)

Bachelor of Engineering in Computer Science
Singapore University of Technology and Design

Apr 2020 – May 2023

Diploma in Information Technology
Temasek Polytechnic
Completed modules in:
Coding and Development (HTML, CSS, JavaScript)
Database Application Development (MySQL)
Full Stack Web Development (MEAN Stack)
Mobile Application Development (Java, Angular, Firestore, Hybrid)
DevOps Essentials (Jenkins, Git, Java, Selenium)
Major Project (MEAN, Docker, Jenkins CI/CD, Python, Tableau)
CGPA of 3.69 out of 4

2014 – 2019

GCE 'O' Level Certificate, St Anthony's Canossian Secondary School

WORK EXPERIENCE

27 June 2022 – 10 Feb 2023

Software Engineering Intern | Accenture

- Developed new and enhanced the existing visualization and analytic dashboards using QlikSense system
- Developed new and enhanced the functions in PEGA system to populate data into analytics database
- Liaised with users to gather requirements
- Conducted User Acceptance Tests with users
- Deployed enhancements and fixes into production environment.
- Created & updated documentations such as functional design specifications and user guides.

SKILLS

TECHNICAL SKILLS

Developed proficiency in programming concepts through building multiple apps for school projects

Skilled in programming with different languages and technologies such as Angular, Java, JavaScript, Typescript, C#, ASP.Net Core, Laravel, HTML, CSS

Good knowledge of using MySQL, Microsoft SQL server, Firebase and MongoDB databases

Good knowledge of using AWS, Jenkins and Docker

Skilled in Data Analytics such as KNIME, Power BI, Python, Machine Learning, QlikSense, Tableau

GENERIC SKILLS

Demonstrated enthusiasm to learn by taking the initiative to research and implement features beyond the scope of school projects.

Deadline-oriented, hardworking, friendly, and resourceful

Assisted my fellow friends with their error finding and showed them how to handle the errors caused in the program.

PROJECTS

TEMASEK POLYTECHNIC

Automation with DevOps (2022), a simulation project of my internship but to improve the process through automation. A MEAN stack web app which collects information from the user-management system, exports and cleans the data, and visualizes it in a dashboard interface.

(MEAN Stack, Selenium, Python, Git, Jenkins, Docker, Tableau)

E-identify (2022), a face recognition scanner used for healthcare & transportation purposes to retrieve information of the user through the facial recognition system. This project was done in Geekout Hackathon in a team to solve a disability problem statement. (Html, Css, Node.js, Firebase, Heroku, Github)

SmartDoorbell (2021), a camera surveillance doorbell IOT solution using AWS which helps to capture and recognize images and send notifications to the owner to monitor people outside the house. (Html, Javascript, AWS)

Mobile Price Prediction (2021), a machine learning project to find the impact of price ranges based on the mobile application specifications. Used grid search to find the best parameters for the models and deduce the best model for the dataset. (Python)

SGHotelly Web App (2021), a hotel management system using MEAN stack architecture with MongoDB as database for a full-stack development project (MEAN Stack, Stripe)

ToDoBuddy Mobile App (2021), a hybrid to-do list mobile application which helps users to make them organized and sends alerts and reminders. (Android App using Java, Ionic App using Angular, Firebase & Firestore)

AWARDS/ACHIEVEMENTS

2022

Director's List AY21/22

2019

Edusave Certificate of Academic Achievement

2015

Edusave Certificate of Academic Achievement

Edusave Good Progress Award

CERTIFICATIONS

Jan 2023 – Jan 2023

Agile Foundations

Linkcdn

Jun 2022 – Jun 2022

Geekout Tech Hackathon by GovTech

GovTech

Jun 2022 – Jun 2022

Design Thinking: Understanding the Process

Linkcdn

Sep 2020 – Sep 2022

Basic Proficiency in KNIME Analytics Platform

KNIME

REFERENCES

Mr Sankara Rajulu
Diploma Course Chairperson
sankara_rajulu@tp.edu.sg
Temasek Polytechnic
67805309

Mr Zhao Hong Lau
Lecturer
lau_zhao_hong@tp.edu.sg
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