

Hafsah Hussain Ahamed

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EDUCATION

Singapore University of Technology and Design

Sep 2023 to Present

- *Bachelor of Engineering (Computer Science and Design)*
- Date of graduate: Apr 2027
- Fifth Row Activities: Google Developer Club, Muslim Society

Temasek Polytechnic

Apr 2020 to May 2023

- *Diploma in Information Technology*
- Director's List 2021/2022
- cGPA: 3.69/4.00
- Completed Modules in: Full Stack Web Development, Coding & Development, Database Application Development, Object-Oriented Analysis & Design, Data Structures & Algorithms, Data Visualization & Analytics, Data Mining & Business Analytics, DevOps

WORK EXPERIENCE

Accenture Pte Ltd

Jun 2022 to Feb 2023

Software Engineer Intern

- Enhanced visualization and analytics dashboards in QlikSense and implemented functions in the PEGA system to populate analytics databases (SQL).
- Liaised with users to gather requirements, prepared test plans, and conducted User Acceptance Tests (UAT).
- Deployed fixes to production environment and created or updated documentation (FDS).

ACADEMIC PROJECTS

Task Tales – Gamified Productivity App

Jan 2025 – Apr 2025

- Created a gamified productivity Java app designed to incentivize good habits in task management through engaging gameplay.
- Handled Git branching and merge conflicts to ensure stable, crash-free updates to the main app branch.
- Collaborated with team to brainstorm features and improve app design, fostering idea sharing and effective teamwork.

Learning Celebration Carnival Website

Oct 2024 - Jan 2025

- Contributed to the development of a Svelte-based website for a SUTD ROOT event, providing event details and information.
- Automated the sign-up process using Microsoft Automate and optimizing the lucky draw system.
- Ensured database security when handling confidential data, collaborating with the team on secure data storage practices.

Automated Ticketing Web App

Nov 2022 – Feb 2023

- Developed and automated solutions to enhance task recording and repetitive processes for operations and helpdesk teams.
- Simulated environment (Pega, SharePoint & QlikSense) using a MEAN stack website combined with Python and Tableau.
- Utilized Jenkins for CI/CD pipeline and Docker to containerize the MEAN stack application.

LANGUAGES AND TECHNOLOGIES

- Languages: Java, Python, C#, HTML, CSS, JavaScript, Typescript
- Frameworks & Libraries: Angular, Svelte, React, MEAN stack
- DevOps & Tools: Git, AWS, Docker, Jenkins
- Database: MySQL, Microsoft SQL Server, MongoDB databases, Firebase, Firestore
- Data Visualization & Analytics Skills: Python, Machine Learning, KNIME, Power BI, Tableau, QlikSense
- Design: Figma, Canva, Adobe Photoshop
- Soft skills: Critical Thinking, Adaptability, Project Management, Problem Solving

Awards/Achievements

2024: Top 10 Design Thinking Project in SUTD Term 3
2023: Top 10 Design Thinking Project in SUTD Term 1
2023: Edusave Skills Award 2023
2022: Edusave Certificate of Academic Achievement
2021/2022: Director's List
2019: Edusave Certificate of Academic Achievement