

# Hafsah Hussain Ahamed

M: +65 88747856 | E: [hafsahhussain.aha@gmail.com](mailto:hafsahhussain.aha@gmail.com) | GitHub: <https://github.com/hhafzahh> |  
LinkedIn: [www.linkedin.com/in/hhafzahh](https://www.linkedin.com/in/hhafzahh) | Portfolio: <https://hhafzahh-portfolio.vercel.app>

## 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
- GPA: 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, DevOps

## WORK EXPERIENCE

### Accenture Pte Ltd

Jun 2022 to Feb 2023

#### Software Engineer Intern

- Enhanced visualization and analytics dashboards in Qlik Sense 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.
- Designed core gameplay and user tasks interaction logic using OOP in Java, and managed integration with a team-built UI.
- Collaborated using Git, resolved merge conflicts, and maintained code stability across branches.

### Learning Celebration Carnival Website

Oct 2024 - Jan 2025

- Developed the homepage using Svelte, self-learning the framework while balancing academic workload.
- Recreated a full automation flow with Power Automate and Supabase to handle sign-up, token generation, and email passcode delivery.
- Explored Row-Level Security and collaborated with team on securing sensitive data.

### Automated Ticketing Web App

Nov 2022 – Feb 2023

- Built a ticketing system to simulate SharePoint/Pega functionality using the MEAN stack.
- Automated manual data cleaning with Python and exported structured data to Tableau for performance dashboards.
- Implemented a CI/CD pipeline using Jenkins, with the entire app containerized via Docker for consistent deployment.

### SGHotelly – Hotel Booking System

Jan 2021 - Apr 2021

- Full stack booking platform with features like Stripe payment, admin hotel management, and user login using MEAN stack.
- Generated PDF e-receipts, created dashboards, and modeled use cases to meet real-world software standards.
- Awarded A grade for full system design and functionality.

## 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
- Design: Figma, Canva, Adobe Photoshop

## AWARDS

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