

SYAFIQ AKMAL

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• Portfolio: <https://syafiqpersonal.vercel.app/>

EDUCATION

National University of Singapore, School Of Computing Aug 2022 - Jun 2025
Bachelor of Computing in Information Systems (Honours)

- Relevant course work: Programming Methodology, Data Structures & Algorithms, Cloud Services and Infrastructure Management, IT-Mediated Financial Solutions

Temasek Polytechnic, School of Informatics & IT Apr 2017 - May 2020
Diploma with Merit in Business Intelligence & Analytics

- Graduated **1st in Cohort**, Gold Medalist

WORK EXPERIENCES

Synapse Pte Ltd, Software Engineer Intern (Automation) May 2024 - Oct 2024

- Led a market intelligence web app POC via Python Flask and Hugging Face, projected a **50% faster intel generation rate** for strategic procurement decisions, oversaw product lifecycle, **3 cross-department** collaborations, and documentation
- Automated procurement workflows for a **50-pax team** by leveraging VBA, SAP Ariba, and Tableau, increased **operational efficiency by 20%**, presented to C-suite level

Ministry of Trade & Industry, Product Analyst Intern (GoBusiness Platform) May 2023 - Aug 2023

- Co-led cross-country analysis on GoBusiness across 10 counterparts, delivered UI/UX enhancements to GovTech and Smart Nation, projected to **increase user adoption by 10%**
- Collaborated with NEA, HSA, SFA, and SPF to **resolve 30+ license onboarding pain points**, targeting a **25% faster onboarding process** and enhanced user experience

Singapore Prison HQ, Data Analyst (Assistant Executive) May 2023 - Aug 2023

- Championed an automation pipeline for reporting data on Excel via Python (Pandas), **reducing over 80% of manual effort** and highlighted trends related to recidivism

SAS Institute Pte Ltd, Pre-Sales Engineer Intern (APAC) Jul 2019 - Jan 2020

- Developed POCs for enterprise clients, banks and government firms, via Python, R, and SAS for machine learning and analytics, **boosted sales pipeline by 15%**
- Collaborated with **3 global R&D partners** to architect a scalable web application leveraging SAS APIs, demonstrated to **over 600 APAC staff** at SAS 2020 kickoff

PROJECTS

Ignite, Software Engineer (Full-Stack)

- Led a **6-pax team** to deliver a fintech platform, **boost investments tracking by 30%**, featuring personalized financial insights via quiz-based recommendations and an AI chatbot

Predicting Bank's Churn Rate, Data Scientist

- Built binary classification machine learning models on bank churn, achieving **over 86% accuracy**

SKILLS

- Languages: Python, Java, SQL, JavaScript, HTML, R, VBA
- Frameworks: React, Node.js, Express, Tailwind, Flask, Scikit-Learn, Framer
- Technologies: Firebase, Git, Figma, Power BI, Tableau, RESTful APIs,

AWARDS AND SCHOLARSHIP

- SAS Institute Course Gold Medal, IMDA Excellence Award, Dell Global B.V. Special Industry Prize, MENDAKI Anugerah Award, TP-SAS Institute Scholarship & Dean's List