

# Aidil Irfan

voltzxp@gmail.com

8793 3915

Blk 742 Bedok Reservoir Rd S470742

## Key skills

- Java
- Python
- C#
- Docker
- Vagrant
- MySQL
- MongoDB
- BurpSuite
- Nessus

## Education

**Diploma, Cyber Security & Forensics** from Nanyang Polytechnic  
Graduated 2017

**Bachelor of Engineering, Information & Communications Technology (Information Security)** from Singapore Institute of Technology  
Graduated 2024

## Certifications

Professional Scrum Master 1  
– 15 May 2023

## Career History

### Associate Security Consultant at Firmus

Jan 2023 – Dec 2023

- Reported internal control issues to management and supplied comprehensive recommendations to mitigate associated risks
- Enhanced client security by conducting comprehensive risk assessments and recommending appropriate countermeasures

### Security Analyst at Singapore Airlines

Sep 2017 – Nov 2017

- Monitored use of data files and regulated access to protect secure information
- Analyzed log files for anomalies, identifying potential intrusion or malicious activity before significant damage occurred

## Projects

### Blockchain Based Chain of Custody for Digital Forensics Applications at Singapore Institute of Technology

May 2022 – July 2022

- Integrated various digital forensic tools via Docker that can be used to analyse digital evidence stored on a Hyperledger Burrow (Ethereum) blockchain web application.
- Performed various security attack scenarios on both the web application and the blockchain to identify vulnerabilities and provide remediation.

### Robotics @ Library Cafe at Nanyang Polytechnic

Dec 2017 – Feb 2018

- Improved security of web services used in the mobile application by modifying the encryption key creation process & algorithm.
- Improved security of web services used in the mobile application by validating & sanitising user inputs that were sent to the web server.