ALSTON SHI

CONTACT

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Location: Singapore
alstonshi.com

CAREER OBJECTIVE

Highly motivated Infocomm & Security graduate seeking a position to leverage technical skills and passion for cybersecurity in information security and risk management.

SOFT SKILLS

Communication, Teamwork, Flexibility, Confidence, Problem Solving, Self-Management, Basics in Korean & Japanese.

INTERESTS

AI, IOT, Photography, Videography, Travelling, Japanese & Korean Culture

REFERENCES

Jennifer Gan
Course Coordinator, Higher-Nitec IT
+65 9741-7298

Arthi Chandra
Course Manager, NYP Infocomm & Security
+65 6550-1745

EDUCATION

Nanyang Polytechnic   *2022 – 2025*

- Diploma in Infocomm & Security
- Korea Overseas Exchange at Hallym University — SDG, Communication Regulation, HR, Korean, Sports Industry
- Optional Elective in Japanese Language; Diploma Plus: Certified Ethical Hacker & Alibaba Cloud

Institute of Technical Education   *2020 – 2022*

- Higher Nitec in IT System and Networks Technology
- World Skills Competition participant; Certified Secure Computer User v2; Y2 Director List

Ang Mo Kio Secondary School   *2016 – 2019*

- GCE 'N' Levels: English, Elementary Math, Additional Math, Chinese, Combined Humanities
- GCE 'O' Levels: Elementary Math, Combined Science

RELEVANT WORK EXPERIENCES

Suzhou Konggu Network Technology Co., Ltd. (KGU)   *Nov 2024 – Jan 2025*

UX/UI Designer & GRC Intern

- Designed and optimised UX/UI for international client websites (AUX Vietnam, Zhejiang Baima, SolaX Power) using Figma — improving navigation, mobile responsiveness, and user engagement.
- Developed front-end features in HTML5, CSS3, and JavaScript; managed content via KGU's KXP CMS platform.
- Implemented SEO best practices with SEMrush; integrated Google Analytics to monitor performance.
- GRC research on GDPR, CCPA, SOC 2, ISO 27001, PCI DSS v4.0; assisted Drata POC and SonarQube CI/CD integration.
- Collaborated with cross-cultural teams across China, Vietnam, and Germany; tracked work in Jira.

Angel Accents PTE LTD   *Jan 2023 – Mar 2023*

Retail & Office Administration

Managed e-commerce storefronts (Lazada, Shopee, Qoo10); designed promotional materials, generated reports, conducted backups, and maintained inventory records.

Glorious Melodies Consultancy PTE LTD   *Jun 2021 – Aug 2021*

IT Back End

Managed MacOS systems, automated weekly NAS backups, handled video/photo editing, and configured BlackmagicDesign ATEM console and lightboxes for professional live multi-camera productions.

TECHNICAL SKILLS

Operating System: Windows Server 2003/2008 R2, Windows XP–11, Linux Debian, MacOS

Virtualisation: VMware Workstation Pro 16, VMware Fusion

Programming Languages: C#, Python, JavaScript, HTML5, CSS3, SQL

UX/UI & Design: Figma, Adobe Photoshop, Lightroom Classic, Xmind

Web & CMS: KXP CMS, SEMrush (SEO), Google Analytics

GRC & Security: Drata, SonarQube, CI/CD compliance; GDPR, CCPA, SOC 2, ISO 27001, PCI DSS v4.0

Network & Analysis: Tableau, Packet Tracer, Wireshark

Project Tools: Jira, Wecom, Git

Video/Photo Editing: Final Cut Pro X, DaVinci Resolve 18, Lightroom Classic, Photoshop

Database: MySQL

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KEY TECHNOLOGIES

C# / .NET MAUI

ASP.NET Core

Microsoft Azure

Azure Blob Storage

RESTful API

HTML5 / CSS3

JavaScript

Figma / UX

SonarQube

Drata / GRC

GDPR / ISO 27001

MySQL / SQL

Tableau

Wireshark

Jira / Git

AWARDS

2021   Edusave Award
2020   EAGLES Award
2019   B Div Volleyball Top 16
2018   B Div Volleyball Top 8

LEADERSHIP

Treasurer & Publicity
Board Games Club, 2023

Vice-Captain
Volleyball, 2017–2019

Student Councillor
AMK Secondary, 2016–2019

FINAL YEAR PROJECT

Azure Blob Storage Management System

Cross-Platform Mobile Application for Cloud Storage Management

C#   .NET MAUI   ASP.NET Core Web API   Azure Blob Storage   Azure App Service   RESTful API

Overview

Built a full-stack cloud storage management system allowing users to manage Microsoft Azure Blob Storage containers and files through a cross-platform mobile app — removing the need for direct Azure portal access. Developed iteratively across three repositories over October–November 2024.

Architecture

- Mobile Layer (.NET MAUI) — Cross-platform app for Android, iOS, and Windows built from a single C# codebase. Communicates with the backend via a typed StorageService using HttpClient.
- API Layer (ASP.NET Core) — RESTful Web API hosted on Azure App Service, exposing clean HTTP endpoints for container and blob management. Azure SDK calls abstracted behind service classes.
- Storage Layer (Azure Blob Storage) — Cloud object storage with containers and blobs. Managed via BlobServiceClient and BlobContainerClient with public blob-level access configuration.

Key Features

- Full container lifecycle — list, create, and delete Azure Blob Storage containers via REST (GET / POST / DELETE /api/Storage/).
- Blob operations — upload (multipart/form-data), stream retrieval, and deletion via /api/File/ endpoints.
- Mobile UI — single-page XAML interface with real-time state management; browse containers, upload and delete blobs from a mobile device.
- Clean architecture — dependency injection throughout; CORS policies and Azure connection strings managed via appsettings.json.

Outcome

Delivered a fully working cross-platform mobile app and cloud API within two months. Gained practical experience in cloud architecture, RESTful API design, Azure services, .NET MAUI mobile development, and iterative engineering across multiple repositories.

AWARDS & LEADERSHIP

Treasurer & Publicity — Board Games Club   *2023*

- Managed club budget and ITQ proposals; hosted events; led photo, video, and poster production.

Vice-Captain — Volleyball   *2017 – 2019*

Led team to B Division Top 16 Nationals & Top 4 South Zone (2019); Top 8 Nationals & Top 4 South Zone (2018).

Student Councillor — Ang Mo Kio Secondary School   *2016 – 2019*

- Organised school-wide events: Teachers' Day, Chinese New Year Celebrations, Sec 1 Orientation Camps.

2021 Edusave Award · 2020 EAGLES Award — Government of Singapore