Aloysius Tan

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SKILLS

Programming Languages: Python, JavaScript, Java, HTML, CSS

Frameworks: React, Bootstrap, Tailwind CSS, Spring/Spring Boot

Technologies : Git/GitHub, Tableau , UiPath

Integrated Development Environment (IDE): Visual Studio Code, IntelliJ IDEA , Pycharm

WORK EXPERIENCE

DXC Technology **Singapore**
Java Developer *August 2023 – Current*

Singapore Technologies Engineering Ltd **Singapore**
Software Engineer Intern *September 2020 – February 2021*
- Programmed a website for the department which boosted the department's efficiency.
- Automated processes for updating information to Excel using Python in UiPath which removed manual work.
- Generated visual graphs using Tableau using department's data to track quarterly sales.

PROJECTS

Cryptocurrency React Website *https://allcrypto.netlify.app/*
- Extracts cryptocurrency data from CoinGecko and GNews API.
- Features data such as coin ranking, exchanges ranking, cryptocurrency news and coin charts.
- Connected to Firebase's Authentication where users can log in to add their favorite coins, which will be saved to Firebase's Firestore Database.

Student Management GUI made with Java *https://youtu.be/f5tIS5rWoDA*
- Create a student management GUI application with JavaFX.
- Able to add, edit, delete student data from table
- Connected to mySQL database using JDBC

Personal Portfolio Website *https://aloy.dev/*
- Created using Astro build framework
- Features blogs on my programming interests and tech related topics
- Integrated self-created voxel art using ThreeJS to render onto my website

Discord Bot made with Python
- Created a custom discord bot using discord.py API in Python
- Programmed custom commands which can be called to run tasks such as recommend anime, delete messages and play music

EDUCATION

Singapore Polytechnic **Singapore**
Diploma in Engineering with Business *Graduation Date: Feb 2021*