Benjamin Loh Choon How

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Education

SINGAPORE INSTITUTE OF TECHNOLOGY (SIT) (CGPA: 4.68/5)   AUG **2022** - CURRENT
· Currently pursuing Bachelor of Science with honours in computing science, specialize in the internet of things (IoT)
· Provost List AY2022-2023
· Guts Hackathon – First place
· Hackrift 2022 - Participant
· STANDCON 2023 CTF - Participant

NANYANG POLYTECHNIC   APR **2016** – MAR **2019**
· Diploma in Infocomm & security (Specialization in Network Security)

Projects

SAFE SHARE - SECURE FILE SHARING FULL STACK WEB APPLICATION
· Frontend built with ReactJS & TailwindCSS, backend built with Django REST Framework, frontend & backend containerized using Docker and orchestrated with Kubernetes for optimal scalability
· Implemented a virus scanning microservice with gRPC and VirusTotal API integration & Trash cleaning microservice for automated file cleanup

BANKING APP IN JAVA
· Developed a banking system in java programming language with a graphical user interface built using java swing in a team of 4 for an object-oriented programming module in SIT.
· Key features: Socket programming, user input sanitization and a database that stores records and user accounts.

Work Experiences

SOFTWARE DEVELOPER | COMMERCE ONLINE PTE LTD   AUG **2021** – JULY **2022** & DEC **2022**
· Coding, debugging, deployment, data migration, testing and documentation.
· Worked with the Ministry of Sustainability and the Environment on maintenance of their intranet portal.
· Development of new Sharepoint sites for the National Environment Agency (NEA) using C# ASP.NET.
· Technical skill sets obtained: Developing in Asp.net with Sharepoint modules, Powershell Scripting, Patching Sharepoint servers, communication skills and analytical thinking skills.

INTERN | ST ELECTRONICS (INFO-COMM SYSTEMS)   MAR **2018** – MAY **2018**
· Successfully developed a full featured automation script for testing use cases in C.

Community Service

· Academic Tutor at Rental Hearts, tutored primary and secondary school children in subjects like math & science.

Skills & Abilities

· ASP.NET/C#/Sharepoint
· C, Python, Java
· ReactJS, Django/Django REST

· Analytic thinker, Strong communication
· Team player
· Ability to work under pressure