LI BINGQING, FIONA

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EDUCATION

Singapore Management University (SMU)   **Aug 2021 - May 2025 (expected)**
Bachelor of Science (Information Systems), Majoring in Digitalisation & Cloud Solutions

INTERNSHIP

Infrastructure Intern   **Dec 2023 – Jan 2024**
Accenture
- Create, manage, and automate infrastructure deployment using Terraform to increase efficiency and reproducibility.
- Leveraged AWS to configure and manage cloud resources, optimizing performance and cost-efficiency.
- Configure networking components like subnets and security groups to ensure seamless communication and data flow.

DevOps Intern   **May 2023 – Nov 2023**
Accenture
- Developed and implemented CI/CD pipelines using Azure DevOps to automate the deployment process.
- Established Azure Kubernetes clusters for build agents and application workloads.
- Implemented code analysis tools in the pipeline's codebase and address security vulnerabilities to safeguard the pipeline.
- Set up monitoring and logging using Kusto Query Language to facilitate proactive responses to incidents.
- Maintained comprehensive documentation for infrastructure configurations and troubleshooting steps.

PROJECT EXPERIENCE

All-In-One | *React.js, TailwindCSS, AzureDevOps, Github actions, MySQL, Python Flask, Docker*
- Built a skill-based role portal web application to streamline an organization's role-switching process
- Applied Scrum methodology and utilized Azure DevOps for efficient software development
- Automated unit test and integration test using Github actions

RetroBeats | *Proof of concept using AWS*
- Designed a comprehensive solution architecture diagram
- Set up the cloud environment and executed the on-premise to cloud data migration using AWS services

Petpals | *Vue.js, Vercel, Firebase*
- Built and deployed a responsive web application to connect pet owners with pet service providers
- Designed the user interface and ensured the technical feasibility of these designs

DealZ | *Figma, Maze*
- Created a prototype of an app that consolidates all the available and upcoming student deals
- Conducted interviews on participants and performed A/B testing use Maze
- Compiled results using quantitative and qualitative analysis

COMPETITIONS

SMU *Ellipsis Tech Series Hackathon (Top 10 Finalist)*
- Participated in a 48-hour hackathon to design a web application aimed at supporting underprivileged children in their educational journey

Tableau *SMU Business Intelligence and Analytics Datathon (Best in Tableau Award)*
- Created a dashboard using Tableau to analyze and do story telling on the elderly landscape in Singapore

Google *Google Ignite! 2022 (Winner)*
- Designed a prototype using Figma aimed to achieve the Zero Hunger sustainable goal

Amazon Web Service *AWS Early Career Innovation Program*
- Learned the fundamentals of cloud computing and participated in a case competition to help the given case client transform their business using AWS services

SKILLS

- **Front-end:** Python, HTML, JavaScript, React.JS, Vue.JS, *TailwindCSS,* CSS
- **Backend:** Docker, Flask, Postman API platform
- **Database:** MySQL
- **DevOps:** YAML, Kubectl, Git, GitLab, Azure DevOps, Kubernetes
- **Prototype/Design:** Figma, Canva, Drawio
- **Software:** AWS, Azure, Whitesource (Mend), Jira
- **Libraries:** Pandas, Scikit-learn, NumPy, Matplotlib, Tableau