Gabriel Woo

9859 1977 | gabriel.woo97@gmail.com | linkedin.com/in/gabrielwoo1 | github.com/GabrielWoo

EDUCATION

Singapore Institute of Technology / University of Glasgow

Bachelor of Science with Honors in Computer Science *Sep. 2019 – Aug 2022*

EXPERIENCE

Business Architecture Senior Analyst June 2024 – Present

Accenture

- Contributed to developing a full-stack web application, implementing the FrontEnd with **React.js** and the BackEnd with **Java Spring Boot** and developed batch scripts using **Python** to automatically clean up outdated data after a specified time.
- Diagnosed and resolved **React.js** production issues in a live web app; optimized error-handling components and tracked fixes through Jira.
- Contributed to multiple Proof-of-Concept (POC) systems as a full-stack developer, building FrontEnd with **React.js** or **Angular.js** and BackEnd with **.NET (C#)**.
- Implemented RESTful API endpoints to facilitate external integrations and engineered new functionalities while troubleshooting and optimizing existing processes in **Pega**.
- Migrated system data infrastructure from **SQL** to **Azure Cosmos DB (NoSQL)** to leverage Azure-native integrations, refactoring and optimizing **C#** codebases to ensure seamless compatibility and performance.

Business Architecture Analyst Sep. 2022 – May 2024

Accenture

- Contributed to developing a full-stack web application using **Vue.js** for the FrontEnd and **.NET (C#)** for the BackEnd; utilized Azure for hosting and GitLab CI/CD pipelines for deployment. Participated in post go-live issue resolution and implemented future system enhancements.
- Upgraded and optimized a Word macro plugin built in **VBA** to automate and improve the digital statement-taking workflow.
- Developed and integrated system enhancements within **Pega** to consume and handle external payloads through MQ and SFTP channels.
- Enhanced system performance through query optimization—analyzing and resolving slow **Pega** queries and implementing **SQL** indexing to reduce latency.

Intern Sep. 2021 – April 2022

Accenture

- Supported multiple training sessions that ran through different use case functions developed for the system. Tasked with also preparing mock data for training sessions
- Developed training materials using Microsoft Powerpoint and created multiple simulation templates via an Application Simulator Software
- Developed system enhancements to improve Quality of Life for users such as a feature highlights popup and a system announcement banner in Pega.

PROJECTS

Personal Portfolio | *https://gabrielwoo.github.io/Portfolio/*
- Developed a Web Application using React Js to showcase current and past projects

Mobile Application | *https://github.com/GabDev97/WorkflowApplication*
- Involved in designing and developing a mobile application using Flutter to improve warehouse operations, enhancing efficiency through real-time tracking, inventory management, and streamlined workflows
- Led a team of 5 through the full project life cycle, from requirement gathering and analysis to system development and deployment, ensuring seamless collaboration and on-time delivery

TECHNICAL SKILLS

Languages: C #, Java, Python, Javascript, HTML/CSS, SQL
Frameworks: .Net, Springboot, Flask, React / Vue / Angular
Developer Tools: Git, Docker, Kubernetes, VS Code, Visual Studio, IntelliJ, Jira
Low-Code Software: Pega