

## TERENCE BULDA CHIA

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Portfolio: <https://terence-app.duckdns.org>



## WORK EXPERIENCE

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### **Backend Developer at Standard Chartered Bank**

**Jan 23 – present**

- Developed RAG application using Python and LangChain
- Developed and optimized backend services for a new onboarding portal integrating with Azure DevOps APIs
- Developed a rule-based security architecture toolkit to evaluate risks and determine necessary security controls
- Built GraphQL and REST APIs using Java, Spring Boot and PostgreSQL
- Wrote Python scripts for automating tasks and resolving support tickets
- Implemented audit logging features for tracking user actions, ensuring data integrity and security
- Conducted debugging and troubleshooting to maintain smooth application operation and reduce downtime

### **Backend Developer Apprentice at Standard Chartered Bank**

**July 22 – Dec 22**

- Developed REST APIs using Java, Spring Boot and GraphQL for the bank's engineering platform within a scrum team
- Wrote JavaScript scripts to manage and update MongoDB databases
- Wrote unit tests using JUnit framework to improve test code coverage
- Test and debug new features
- Refactor code to improve code quality

### **Full Stack Developer Trainee at Generation Singapore**

**Apr 22 – Jun 22**

- Developed a full-stack responsive e-commerce webpage as the team's capstone project
- Utilized programming languages and frameworks including HTML, CSS, Bootstrap, JavaScript, React, SQL, Java, Spring Boot, Git and GitHub

### **Client Reporting Specialist at Partners Group**

**Sep 19 – Mar 22**

- Analyze portfolio developments and craft the language used to update investors
- Provide qualitative and quantitative reporting to investors through regular publications and general sales support material

- Oversee product compliance including proper documentation of processes and procedures
- Respond to requests relating to assigned private markets investment programs and/or mandates
- Participate in projects to support the development and growth of the team
- Create excel tools to automate client requests on quantitative data
- Build and perform SQL queries into company's database

## **EDUCATION**

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### **Illinois Institute of Technology, Chicago, IL**

Master of Information Technology, 2023-2024

GPA: 4.0/4.0

### **Nanyang Technological University, Singapore**

Bachelor of Business, Actuarial Science, 2013-2016

## **SKILLS**

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### **Communication**

- Collaboration across highly effective teams
- Cross-cultural awareness and sensitivity
- Adaptability

### **Programming languages/Frameworks**

-Java (including JPA, Hibernate), JUnit, Spring Boot, JavaScript, ReactJS, Node.js, HTML, CSS, Bootstrap, Excel VBA, SQL, MongoDB, GraphQL, Python

### **Development tools and platforms**

-GitHub, Visual Studio Code, IntelliJ IDEA, Postman, JIRA, BitBucket, Jenkins, MongoDB Compass, PostgreSQL Admin, Azure DevOps