## CAREER SUMMARY

Junior Full Stack Developer

As a **detail-oriented** **Java enthusiast**, I place a high value on creativity and innovation. With a commitment to becoming a **Full Stack Web Developer**, I have engaged in numerous tutorials, referenced official documentation, and read various programming books to enhance my skills and understanding of the subject. My **proactive learning** approach includes earning a **gold badge in Java on HackerRank** and **revisiting programming quizzes** such as the Battleships Game in Java and the Find the Hat game in JavaScript. A collection of my work can be found on my [portfolio website🔗](https://joshua.hgh.sg).

In terms of my work philosophy, I **strive to be a reliable team member** whom my colleagues and leaders can trust. This involves **continuous learning and skill refinement** to enhance my competencies and reliability.

## TECHNICAL SKILLS & PLATFORMS

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| --- | --- | --- |
| * **Java** * **HTML** * **CSS** * **JavaScript** * **TypeScript** * JSP, JSTL * **SQL** * JPQL | * **Bootstrap** * Angular * React * Thymeleaf * Spring MVC * **Spring Boot** * Spring Data JPA, Hibernate ORM * Spring Boot Test, Junit 5, Jackson | * **VS Code, IntelliJ & Eclipse** * MySQL Workbench, SQLite * Adobe DW, PR, PS & AI * Computer Ethics * Artificial Intelligence (AI) * Generative AI * WordPress * Axure (Prototyping) |

## PROFESSIONAL EXPERIENCE

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### Junior Full Stack Developer Sept 2023 to Jan 2024

### Temasek Polytechnic (SCTP) Period: 3 months

* Completed a course on Codcademy on skills in **Bash**, Git & **GitHub**, **HTML**, and **JavaScript**.
* Leveraged **Bootstrap** for responsive mobile development, ensuring optimal user experience across various devices and screen sizes.
* Acquired practical experience in utilizing **Fetch API** with **Web APIs** from Spotify, and SWAPI.
* Demonstrated proficiency in control-flow logic while coding the **Node.js** game, Find the Hat.
* Upheld data integrity through **Client-side and Backend validation**, along with **Object-Relational Mapping**.
* Ensured application portability throughout various development stages using Mock Data and Database Backups.
* Gained experience in a simulated **Agile software development** environment, working with Sprints, Artifacts, and Ceremonies using GitHub Project’s table, board and roadmap.
* Developed proficiency in building applications using **Spring Boot**, focusing on dependencies such as **Spring Data JPA**, Spring Starter Test, Spring Security, **Spring Web**, Spring Boot DevTools, **Lombok**, and **Validation**.

### Non-employment Period Sep 2023 to May 2022

* Enhanced **Java proficiency** by studying and practicing with sample Oracle Exam MCQs, experimenting with Java codes using JShell, and developing mini programs.
* Successfully **deployed 2 Angular tutorial projects** from angular.io/tutorial, which helped establish foundation in the popular frontend framework, Angular.
* Completed a course on Music Production with Ableton Live, which culminated in the production of an educational soundtrack on SoundCloud. This soundtrack serves as a backing track for improvisation practice with the Andalusian Cadence.

## PROFESSIONAL EXPERIENCE

### Java Trainee Jul 2022 to Aug 2022

IDC Technologies Pte. Ltd Period: 2 months

* Utilized **Spring Data JPA and Hibernate Object-Relational Mappings** define databases. One of these databases models users, products, product categories, user **authentication**, user **role-based access control**, effectively fulfilling project requirements.
* Gained understanding of the general concepts of **Microservices Architecture** and applied them in project configurations, which included **Spring Cloud Config**, **Spring Cloud Service Discovery**, and **Spring Cloud API Gateway**.

### Junior Java Developer Nov 2021 to May 2022

Lithan Academy Pte. Ltd. (SGUS) Period: 6 months

* Achieved **NICF Competencies** in **User Interface design**, **User Experience Design**, **Software Design**, **Data Design**, Application Development and Test Planning.
* Successfully completed a project utilizing **Maven Webapp Archetype**, where HTML templates were generated using **JSP technologies**. This experience laid a fundamental foundation for working with **legacy systems using .war deployment**.
* Developed proficiency in creating comprehensive **reports** and **presentations** that effectively explain the functionality and purpose of individual software projects.
* Gained experience in crafting basic **Software Requirement Specifications** through simulations.

### Security Officer May 2020 to Aug 2021

Reachfield Security & Safety Pte. Ltd & Security & Risk Solutions Pte. Ltd Period: 15 months

* Completed entries of security and workplace reports to the Cloud, enabling extraction of meaningful data. Provided concise and accurate accounts of events to aid workplace administrators in decision-making.
* Ensured the safety of individuals and property by guarding access points, key installation areas, and responding to incidents effectively and preventing escalations.

### Education Officer (Guitar & Ukulele Teacher) Aug 2018 to Mar 2020

Cristofori Music Pte Ltd Period: 18 months

* Achieved a **100% pass rate** for eight students undertaking music examinations from ABRSM, Rock School, and LCM facilitated by **customized lesson plans**.
* Collaborated with colleagues to **organize and host festive music performances events** themed around Christmas and Chinese New Year, accommodating between 100 to 150 guests.
* Established an **educational music video channel on YouTube**, garnering over 1000 subscribers and 100,000 views. This innovative platform offers unique presentations of examination pieces, serving as a global learning resource for students and teachers.

### Real Estate Salesperson March 2013 to August 2018

ERA Realty Network Pte Ltd Period: 5.5 years

* Received a **Letter of Compliment** in **Service Excellence**, awarded in recognition of the **high-quality service** provided to a client as a Landlord Agent.
* Ranked among the **top 5 ERA Catalyst division achievers in four different months**, due to my persistent online marketing efforts via **SEO-friendly websites strategically-built** using tools like **Dreamweaver** and **WordPress**.
* Developed a robust understanding of prevalent **website designs**. **Search Engine Optimizations** crafting **high-quality content** and understanding the **key factors in ranking websites** using **competitive keywords**.

## Education

### Advanced Certificate in Infocomm Technology (Software and Applications) May 2022

Lithan Academy Pte. Ltd. NICF Certificate. of Attainment

### RCN - Real Centre Network (Toa Payoh) 2012

Real Estate Salesperson Examinations P1 & P2 Passed

### Centre For Employability Skills (CES) 2012

WSQ WPLN - L6 for Listening. L7 for Speaking, Writing, Reading & Numeracy Level 7

### Boon Lay Secondary School 1999

GCE ‘N’ Levels - 2 for Math, Science, POA & Geography. 4 for Eng & Chinese Passed