

Curriculum Vitae

PERSONAL PARTICULARS

Name

Age

Birth Date

Contact Number

Email

Nationality

Marital Status

Gender

Address

: Jasper Foo Seh Kiun

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: 05.10.1995

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: jasperfsk@gmail.com

: Malaysian

: Single

: Male

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PROFESSIONAL SUMMARY

A motivated Software Engineer with experience in software development, testing, and deployment. Proficient in various programming languages, tools, and frameworks, with hands-on experience in both backend and frontend development, database management, and web automation. Adept at creating responsive, user-friendly websites and ensuring seamless integration with third-party systems. Experienced in implementing new features, resolving technical issues, and optimizing system performance. Dedicated to delivering high-quality software through innovative problem-solving, continuous improvement, and a focus on performance and scalability.

AREAS OF EXPERTISE

Languages: Mandarin Chinese, English, Malay, Hakka, Cantonese

Programming: C#, Python, SQL, R, Java, C, C++, JavaScript (JS), HTML/CSS

Tools: Postman, Fiddler, SSMS, SQL Server Express, Figma, TestRail, Jira, Visual Studio, NetBeans, Eclipse, Selenium, BeautifulSoup, Cypress, TestNG, Power BI, SAS, R Studio, HtmlAgility, Git Bash, GitLab, GitHub, SQLite, Redis (Another Redis Desktop Manager), Git Extensions, IIS Setup, Proxifier, .NET

Skills: Testing (Functional/Non-Functional, Web, Desktop, Mobile), Web Scraping, Web Automation, Threading, JQuery, Ajax, HTTP Client, Connect SQL in Code, NLog, Web Config, Batch File, Stored Procedures, Software Development, MVC Architecture, RESTful API

PROFESSIONAL EXPERIENCE

Software Engineer
LHS Digital World Sdn. Bhd. | August 2023 – Present

- Web & Mobile Development:** Designed and implemented responsive web applications using C#, .NET, CSHTML, CSS, and JavaScript, incorporating new features and system enhancements to improve user experience across multiple platforms.
- Back-End Development:** Developed robust back-end logic using C# and .NET, integrated RESTful APIs for seamless communication between front-end and back-end.
- Technical Troubleshooting & Performance Optimization:** Led efforts to debug and resolve performance bottlenecks in back-end systems and front-end interfaces using Fiddler and NLog to analyze performance issues and improve system stability.
- Testing & Quality Assurance:** Led cross-environment testing (server, staging, UAT, production) to ensure the stability of both web and mobile applications, performing integration and unit tests for back-end systems.
- Version Control & Collaboration:** Managed version control and team collaboration via GitLab and Git Extensions, overseeing branching, merging, and conflict resolution to maintain high code quality.
- Third-Party Integrations:** Integrated services, including Redis, IIS, SQL, and SQLite, to optimize data handling and improve system performance and scalability.
- Web Automation & Scraping:** Developed automated scripts using Selenium for web interactions, including web crawling and data extraction processes
- SQL Operations:** Executed SQL operations using stored procedures for efficient data retrieval and insertion, improving database performance and reducing latency.
- Network & Logging:** Employed Fiddler to analyze network traffic (requests, headers, and cookies) for troubleshooting, while leveraging NLog for enhanced logging and deeper insights into application behavior.

Software Test Engineer

Beyondsoft (Malaysia) Sdn. Bhd. | June 2022 – July 2023

- **Test Case Development:** Designed and executed test cases to support new and ongoing product development, ensuring robust software performance. Utilized **TestRail** for test case management and documentation.
- **Feasibility Analysis:** Evaluated hardware and firmware requirements to determine feasibility and document necessary specifications.
- **Manual Testing:** Performed comprehensive functional and non-functional testing, identifying bugs and collaborating with developers for fixes.
- **Collaboration & Reporting:** Collaborated closely with teams to meet testing objectives and produced detailed bug reports to track progress and resolution.
- **Project Tracking & Issue Management:** Utilized **Jira** for issue tracking, bug reporting, and sprint planning, ensuring seamless communication between development and testing teams.
- **Design & Wireframing:** Leveraged **Figma** for collaboration with design teams, providing insights into UI/UX elements to ensure comprehensive testing coverage and product quality.

Financial Developer Intern

Ted Optimus Sdn. Bhd. | April 2021 – August 2021

- **Web Scraping:** Developed a **Python**-based web scraping system using **BeautifulSoup** and **Selenium** to automate data collection, improving productivity and data accuracy.
- **Internet Bot Development:** Created an internet bot to simulate human browsing for systematic document downloads.
- **Data Transformation:** Transformed collected data into structured formats like JSON and CSV, enhancing data management efficiency.

EDUCATION

BSc in Computer Science with a Specialism in Data Analytics (Dual Degree)

Asia Pacific University, Malaysia & Staffordshire University, UK
CGPA: 3.54/4.0

April 2019 - July 2022

CERTIFICATIONS AND SPECIALIZATIONS

- **Cypress UI Automation Testing for Absolute Beginners**
(Coursera, 2023)
Skills Learned: UI Test Automation, Cypress, Form Elements Interaction, Test Assertions.
- **Web and Mobile Testing with Selenium**
(University of Minnesota, Coursera, 2023)
Skills Learned: Manual QA, Automated Analysis, Selenium.
- **Building Test Automation Framework Using Selenium and TestNG**
(Coursera, 2023)
Skills Learned: Selenium with Java, TestNG, Test Automation Framework.

PROJECTS

- **Automate the Process of Web Data Extraction Using Web Scraping Technique and Navigating Analytics**
Developed an application to automate data extraction from Lazada.com.my and visualized data using graphs and reports.
- **Database Design & Administration**
Designed a database with security features, including triggers and stored procedures, using DDL, DML, and ERD.
- **Text Sentiment Analysis**
Analyzed text feedback with Python using NLTK, Scikit-Learn, TextBlob, and other libraries for sentiment analysis.
- **Business Intelligence Dashboard**
Created a performance dashboard for a bicycle company using Power BI and Java, focusing on sales insights and performance improvement.

- **C++ Music Playlists**
Developed a music playlist application using linked lists and arrays in C++.

REFEREES

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