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| +60162639394 | CheeYan.DanialHui@gmail.com | |
| Experience | > 19 years |
| Education | Western Michigan University, Bachelor of Business Admin  Computer Information System |

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| ***Thought Leader, Software Architect, Infrastructure Architect, AWS Practitioner, Opensource-Loving Developer who seeking for challenges to maximize learning in the ever-changing technologies world.*** | | | |
| **Area of Expertise - Hard Skills** | | | |
| Agile / DevOps / SDLC | Java EE / Spring Boot | Terraform / Packer / Vault | Elasticsearch |
| AWS / OpenStack | Angular / JavaScript | Micro Service / SOA | RDBMS / NoSQL |
| Openshift / Docker / k8s | Groovy / Python / Go | Linux / Shell Scripting | CI/CD |
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| **Area of Expertise - Soft Skills** | | | |
| Leadership | Teamwork | Stakeholder Management | Project Management |
| Problem Solving | Team/Trust Building | Communication | Presentation |
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| **Certification** | | | |
| * AWS Certified Solutions Architect – Associate * Sun Certified Java Programmer | | | |

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| **Experience** | |
| Nov 2015 - Present | **Senior Infrastructure Solutions Manager**  Standard Chartered Global Business Services Sdn Bhd |
|  | **Solutions Architect - Cloud Infrastructure (April 2018 - Present)**   * Designing, architecting, and develop the **AIE** (Application Instantiation Engine) platform service for application onboarding on both public and private cloud. * Developing reference architecture, forming **DevOps** roadmap, cloud migration strategies, microservice migration plan, etc. * Building agile culture into the domain by introducing tools and advocate the practise of agile operation and **DevOps** * Integrate AIE withprivate cloud built on **Openstack** with **StatoScale**, by provisioning infra-as-code using reference architecture manifest file with **Terraform** * Built and packaged Immutable Image using **Packer** for release into both dev and production cloud environment. * Setup and integrated **Vault** into AIE for secret management * Built **Jenkins** pipeline step with **groovy** as interface of execution to AIE * Migrate existing code in shell script and Java into **Golang** * Developed API-First service using **Angular** and **Spring Boot** which served as the gateway for infra provisioning and application packaging.   **Infrastructure Solutions Architect - Retail, Private Banking & Wealth Management (Feb 2018 – March 2018)**   * Provide technical advisory, infrastructure design review for both new project implementation and existing infra upgrade. * Responsible as Support Architect to review critical systems architecture quality and resiliency, capacity and systems readiness for rollout across multiple region in Asia and Middle East. * Design review and initial implementation of **AppDynamics**.   **AVP, Wealth Management PSS / Senior Technology Support Manager - Retail, Private Banking & Wealth Management (Dec 2015 – Jan 2018)** Owner of **Change Management** process, ensuring process execution and initiate improvement, and reduce change related incident to the minimum.Running **Problem Management** process, providing expertise in technology, problem analysis, identified solutions/actions and ensure no breach of SLA.  * Implements KPI benchmark, app performance monitoring and analysis using **Elasticsearch, Logstash & Kibana** * Implements runbook automation using **Rundeck**, **shell script** and **Python**. * Establishing log monitoring and response/recovery process automation using **Splunk Enterprise** and **BMC Atrium Orchestrator**. |

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| Dec 2010 –  Nov 2015 | **Senior Software Development Manager** Xchanging Malaysia Sdn Bhd |
|  | **HIGHLIGHTS:**   * Convert Ministry of Education school management system from single tenant application to multi-tenant application, operating on VMs, that use by more than **10,000 schools** and **500,000 teachers**. Largest of its kind in Malaysia * Built **CI/CD** with Jenkins Jira, Git, Sonar, etc, for initial implementation of **DevOps**, which reduce the time-to-deliver and increase the quality of code significantly. * Managed software development team with the **highest retention rate** among peers. * Promoted to **Senior Management Team** within 3 years   **AWARDS & RECOGNITIONS:**   * Nominated for ***Recognising Excellence*** 2013 award * Top 3 ***Most Valuable Employee*** for 2013 * Selected for ***Leadership for Purpose*** programme * Short listed as finalists for ***Xchanging Innovative Ideas*** 2013   **Senior Software Development Manager / Acting Head of Development (Dec 2012 – Nov 2015)**   * Hiring, managing, motivating and grow development team of 35 developers and architects. In co-junction, managing PHP and Data Warehouse team with total team size of 70+ people while serving as **Acting Head of Development**. * Programme managing, design, plan and implement **DevOps** initiative into the organization structurally and culturally * Built performance monitoring & analysis tool using **Elasticsearch, Logstash & Kibana** * Design and architect scalable and robust applications in the large-scale environment by migrating to **microservice** from monolith. * **Optimized SQL** queries and **tuning/sharding** **MYSQL cluster** to support high concurrency database operation uses by **500,000 teachers** * Built and deployed **NoSQL** technologies of **Cassandra**, **Hadoop** and **Elasticsearch** into production, which served as the reference implementation. * Owner and gatekeeper of the **SOA middleware** system and migrate majority of the services to **Apache Camel** to reduce vendor product dependency. * Planning for technology strategies and roadmaps. * Recruit, manage, engage and cultivate quality members in the team for their maximum growth to meet the business needs.   **Software Infrastructure Manager (Dec 2010– Dec 2012)**   * Planning for infrastructure strategies, roadmaps and future blueprints to attain infrastructure-as-code. * Layout and setup the platform foundation of infrastructure service including **RedHat Application Server, MySQL, Oracle10g, Apache HTTP, RedHat SOA Middleware**, etc. * Design, review and implement the virtualization strategy with **RedHat Virtualization**. * Setup **monitoring team** from scratch; implement monitoring with **Nagios** and **Cacti** to captured and baselined relevant metrics, run book, operational procedures within 3 months |

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| 2005 - Nov 2010 | **IT Manager / Director of Technology**  MPGate Sdn Bhd |
|  | **HIGHLIGHTS:**   * Rolled out terminals deployed approximately 700 terminals installed in 8 months throughout Malaysia * Built functional KardMedic, hybrid credit card, use of medical eligibility, registration and transactional, with integration with Maybank credit card processing system.   **ROLES & RESPONSIBILITIES:**   * Programme manage all phrases of projects and overseeing both business and technical aspects of delivery, software development, including architecture design, coding standard, documentation and testing. * Pursuing new business opportunity of KardMedic for Thailand by presenting sales and demo to various financial institutions, such as Mastercard, Hypercom, Kasikorn Bank, etc. * Develop and execute the company’s IT strategies in order to attain the goals of the business * Provide strategic advice to the board and Manging Director so that they will have accurate view of the technology and impact to the company’s future * Managing P/L and financial budgeting of company’s IT. * Build, cultivate , motivate, delegate responsibilities and supervise the IT team to drive maximum performance * Analyze problematic situations and provide solutions to ensure company survival and growth |

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| 2004 - 2005 | **Senior Business Technologist** Firium Solutions (M) Sdn Bhd |
|  | * Project managing in delivery milestone, resource planning, problem solving and monitoring project critical paths are not overshot the timeline * Leading in technical designs of database structure, system framework and team morale * Managing development team of 12 programmers. * Stakeholder management, such as negotiate reasonable project contents delivery and timeline with client’s decision makers, such UOB CTO and UOB Trustee CEO. * **Projects:** UOB Trustee System**,** Unit Trust Backoffice System (Hong Leong Bank), DIGI Flexi E-load * **Technologies:** Redhat Linux, Oracle 9i, SunOne Appserver 7, SunOne Webserver 6.1, WebLogic 7, J2EE, HTML, JSP, JavaScript, Servlet |

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| Jan 2001 -  Jan 2003 | **IT Executive** MediScreen Sdn Bhd |
|  | * maintain and develop Mediscreen’s Managed Care System and to design and manage the software development delivery, service, support and train clients * Delivered on time for all projects under very time frame * Design and implement the new system using OOP principle and normalized the old database into more efficient structure. * Review and revised the requirement gathering, specification, and design of the existing system. * **Technologies:** Visual Foxpro, Foxpro 2.6, Win NT, HTML, Apache |

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| Jan 2003 -  Jan 2004 | **Software Engineer** LeadingSide (M) Sdn Bhd |
|  | * Design, develop and manage of software development cycle * Debug, maintenance, support and change requests of the Knowledge and Document Management portal for AG (Attorney General) office. The portal storing legal documents in electronic form, provide Lucene -like search and collaboration functions such as meeting, community, inventory management, leave application, etc. * Setup, debug, maintenance and support of the Knowledge Management Portal, the system of R&D, thesis publishing, e-collaboration, meeting, and lecturer performance evaluation. * **Technologies:** Win2k, HP-UNIX, SQL Server, WebLogic, Apache, J2EE, HTML, JSP, JavaScript, Servlet, Java, ActiveX |

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| Dec 2000 -  May 2001 | **IT Consultant** Nuvolution St. Paul, MN USA |
|  | * To consultation on design and development of systems for 3M, for project **MES (Manufacturing and Execution System) Java Migration** which migrating logic in Stored Procedures to Java Classes. * Designed and developed Java virtual server that verified the BOM (Bill of Materials), Inventory and Queue Scheduling * **Technologies:** Visual Age for Java, Sybase, SQL Server, HPUNIX, HP3000 and NT, J2EE, Swing, Perl, SQL, UML. OOP. |

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| Jan 2000 -  Nov 2000 | **Software Engineer** Kairos Damango, Inc. Minneapolis, MN USA |
|  | * Product Owner for **Virtual Desktop** in **ASP (Application Service Provider) Enabler Platform** * Built common libraries of functionalities for session persistence, transaction encryption, user preferences persistent. * Developed ***Addressbook***, pure java Swing application where data is store in XML * Developed ***XML persistent API*** * Ported Mindterm’s ***Transaction Encryption*** code base to work in our framework. * Developed ***Transaction Relay Engine*** that capture transactions perform by user and route it to the appropriate server * **Technologies:**  Linux, Solaris, Mac, Win 9x, NT, XML, XSL, JSSE, HTTP, JSP, Servlet |

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| Jan 1999 -  Dec 1999 | **System Programmer** Ciber, Inc. Rochester, MN USA |
|  | * Provided consultation of design and development using **JavaEE 1.2** for IBM for project **DEV2000 VM Migration release 1.7 & 1.75** * Developed **PTF Build Scheduler Server** that is responsible to verify dependencies and authentication for optimized build schedule. Build orchestration with multiple remote call with **Java RMI** to multiple endpoints under real-time and multi-threading environment. * **Technologies:** Visual Age for Java, AS400, DB2, AIX, HPUNIX, NT and IBM S/390, J2EE, Swing, Perl, DB2 SQL, JAVA RMI, and Websphere |

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| **Hobbies** |
| * Basketball, Jogging, Traveling, Snorkelling and Reading |