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|  | | **林宜謙 (Tony Lin)**  Mobile: +886-963-330-153  Email: [lin1000@gmail.com](mailto:lin1000@gmail.com)  LinkedIn Profile: <https://www.linkedin.com/in/lin1000>  GitHub: <https://github.com/lin1000>  Current Employer: IBM  d | |  | |
| ▶ | **Advisory IT Architect, IBM Taiwan** | | | |  | **2015~ Present** | | |
|  | ■ | **Technical Leader, IBM Data Lake Platform** 2016 ~ Present   * Led 10 people development team across Beijing, Xi’an, Taipei to build Data Lake Platform on cloud environment and running data engineering and social business. * Designed and evolved system in microservices architecture and led team to design and implement API services align with Open API Initiative. * Applied circuit breaker and fallback mechanism (pybreaker, Hystrix, and etc. ) to build resilient service. * Leading team to migrate standardized insight application to Kubernetes to provide multi-tenant services with simplified infrastructure. * In charge of defining technical roadmap and ensure the understanding of DevOps, Cloud Monitoring, Hybrid Cloud Integration, and Source Code Version Control for development team. * Resolve and troubleshoot technical problem and coaching technical talent growth. | | | | | |
| * Speaker in 2016 IBM Technical Leadership Exchange : Data Lake for City Analytics | | | | | | | |
|  | ■ | **Technical Leader, GBS CDE (Center of Data Excellence)** 2015 ~ 2016   * Technical leader of 8 people team across Taiwan and China. This was a technical team under IBM x Twitter partnership to establish the foundation of IBM worldwide social business. * I took ownership of overall GBS CDE technical design:  (1) Real-time twitter feed (50 millions tweets/day)  (2) Indexing on Apache Solr Cloud cluster (3) Design analytic layer and applied IBM Software and IBM Research assets  (4) Large Scaled Data Processing with performance and availability requirements (5) Real-time data proxy service implemented by InfoSphere streams  (6) Running cloud hosting and operation support business (7) Identify overall language support and limitations on technical components  (8) Align architecture blueprint with global business stakeholders in f2f workshop and online meetings * Intensive cross-geo teamwork experiences with Europe, India, Japan, China and US colleagues. * This project was honored by IBM GBS OTAA Outstanding Technical Achievement Award. | | | | | |
| * Speaker in 2016 Quality Software Engineering Symposium (Topic: *Scaled Business Travel Behavior Identification and Visualization in Social Space*) | | | | | | | |
| ▶ | **Associate IT Architect, IBM Taiwan** | | | |  | **2011-2014** | | |
|  | ■ | **Architect, BenQ Social Media Analysis** 2014   * Hosted BenQ social media market analysis workshop (12 workshops in 3 months) to cultivate social analysis capability in client's organization. * Led BenQ user to perform 3 social listening analysis life-cycle on product development, marketing strategy, and competitor analysis topics. * Blue Viewpoint: BenQ導入社群聆聽尋獲行銷關鍵 (https://goo.gl/AXT8qz) | | | | | |
|  | ■ | **Solution Architect, Taipei Fubon Bank Enterprise Banking Metadata System** 2013 2H ~ 2014 1H   * Responsible for designing solution architecture and team size was 5 people. * Co-work with PM, BA and led 2 senior developers deliver solution in 9 months. * Hosted 8 requirement taking and 6 education training sessions across 7 BUs and hundreds of IT and Biz users. * The essential technical components are Cognos BI 10, Metadata Repository, Metadata Analysis Report, Metadata Template (Excel & VBA), and RAVE (IBM visualization engine). | | | | | |
| * Speaker in IBM Taipei Architect Day 2014/11 (Topic: Enterprise Metadata Management in Banking Industry) | | | | | | | |
|  | ■ | **BI Architect, Shin Kong Bank Sales Force Automation System** 2013 1H | | | | | |
|  |  | * Took the ownership of Business Intelligence subsystem and acted as BI architect for data mart design and implementation. | | | | | |
|  | ■ | **Architect, E.SUN Bank DW Transformation to Netezza DW** 2012 | | | | | |
|  |  | * Acted as architect role and performed the system level design to ensure the data warehouse would be interoperable with existing system. * ETL process 12x faster performance * Migrated 800+ SQLs and 700+ tables from DB2 to Netezza. * Refactored recursive with-style SQLs into store procedures. * Ensure interoperability among existing application systems (Cognos/Unica/ETL). * Resolved encoding conversion problems | | | | | |
| ▶ | **Software Engineer, IBM Taiwan** | | | |  | **2008 ~ 2011** | | |
|  | ■ | **Developer, E.SUN Metadata Project** 2011 | | | | | |
|  | ■ | **Developer, IBM Emerging Technology Institute (ETI) –BAO Appliance** 2010 | | | | | |
|  | ■ | **Cognos SME, Bank of China (BOC), BI for Risk Management Data Warehouse** 2010 | | | | | |
|  | ■ | **Developer, Taiwan E.SUN BANK – EBM 2** 2009 | | | | | |
|  | ■ | **Developer, Banking Business Performance Dashboard Accelerator** 2008~2009 | | | | | |
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| **Professional Certifications** | | | | | | | |
| |  |  | | --- | --- | | IBM Certified Solution Advisor - Big Data & Analytics | 2016 | | Twitter Black Belt Certified Technical Architect | 2015 | | Architect Profession Certification - Level 1 Experienced | 2014 | | IBM Certified Developer Cognos 10 BI Metadata Models | 2013 | | IBM Certified Specialist-Netezza Performance Server V6 | 2012 | | IBM Certified Database Associate – DB2 9 Fundamentals | 2009 | | SCWCD | 2006 | | SCJP | 2003 | | | | | | | | |
| **Honors & Awards** | | | | | | | |
| /Side Project/ Best App Award in Girls in Tech Taiwan X CodePath Android Program | | | | | 2017 | | |
| /Side Project/ Innovation Workshop For Yung Entrepreneurs - Hunter Pitch Demo (30雜誌30青年創新實驗室) | | | | | 2016 | | |
| /Side Project/ Jumpstart Pepper robot competition 1st prize (機器人開發大賽金融首獎) | | | | | 2016 | | |
| 2015 1H Value Role Mode, IBM Taiwan | | | | | 2015 | | |
| 2015 IBM Outstanding Technical Achievement Award | | | | | 2013 | | |
| 2013 IBM GCG Delivery Excellence Award | | | | | 2013 | | |
| IBM Bravo Award, “Banking Business Performance Dashboard Accelerator Development and Customer Support.” | | | | | 2010 | | |
| **Education** | | | | | | | |
| Information Management, National Chengchi University, Taiwan M.B.A | | | | 2004~2006 | | | |
| Information Management, National Sun Yat-Sen University, Taiwan B.B.A | | | | 2000~2004 | | | |
| **Technical Skills** | | | | | | | |

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| **Programming Languages** | Java / Python / Javascript / Scala / Shell Scripts / PHP / JAQL |
| **Standards & Specs** | Swagger 2.0 / WSGI / JavaEE / XML Web Services (WSDL, SOAP) /XML (DTD, XML Schema, SAX, DOM, JAXP, JAXB, XSLT, XPath) / XBRL / REST / RDF/ RDFS / JSON / ITCS104 Security |
| **IBM Products / Platforms** | Bluemix / SoftLayer / Watson Content Analytics / Social Media Analytics / Watson Analytics / Bluemix Container / WebSphere Application Server / WebSphere Process Server / Cognos BI / DB2 / SPSS Modeler / WebSphere JRules (ILog) / Alchemy / BigInsights |
| **DBMS/NoSQL** | DB2 / Netezza / SQLServer / Derby / MySQL / CouchDB / DashDB |
| **Mobile** | Android Studio/Android-Native Development |
| **Open Sources** | Hadoop / HDFS / Apahe Solr / Apache WSO2 / Banana / Elastic Search / Docker / Jenkins / Ansible / Apache JMeter / Scrapy / Vyatta / Vagrant / VirtualBox / Flask / Ant / Maven |
| **Social Media** | Twitter (GNIP API, Twitter API), Facebook (Graph API), Social Media Listening, Social Login |
| **Operating System** | Windows Server, RHEL, CentOS, AIX |
| **Cloud Service** | Understanding of GCP and AWS services |
| **Others** | Git, Svn, GitLab, RTC |
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| **Publications** |

*1. "使用 Bluemix Container 技术实现私有云实时监控仪表板，第二部分", DeveloperWorks, Jun. 29th, 2017.*

*2. "使用 Bluemix Container 技术实现私有云实时监控仪表板，第一部分", DeveloperWorks, Mar. 2nd, 2017.*

*3. "Scaled Business Travel Behavior Identification and Visualization in Social Space", Speaker Session, Quality Software Engineering Symposium, May 25th, 2016.*

4. "*Continuously Enrich Social profile with AlchemyAPI and Emojis*", poster, Quality Software Engineering Symposium, May 25th, 2016.

5. "*CouchDB 视图简介及增量更新视图的方法*", DevelopWorks, Apr. 28th, 2016.

6. "*使用Couchdb-python操作CouchDB*", DevelopWorks, Dec. 28th, 2015.

7. "*System and method of automatic question generation to facilitate users to better utilize social analytics software based on accumulated industry-specific business patterns*", http://priorart.ip.com/IPCOM/000243186D, Sep. 17th, 2015.

8. "*System and method of banking business metadata framework*", http://priorart.ip.com/IPCOM/000241617, May 18th, 2015.

9. "*Graceful Dynamic Host Configuration Protocol*", http://priorart.ip.com/IPCOM/000206303D, Apr. 19th, 2011.

10. "*Analytics in a Box*", poster, IBM GCG 2010 Regional Technical Exchange, Oct. 11th, 2010.

11. "*The Framework and Roadmap of Ambient iCare e-Services for Quality Aging*", Fourth International Conference on Mobile Business, Sydney, Australia, July 11th – 13th, 2005