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Noah (Yejia) Tong

SUMMARY

Passionate, responsible and committed Information Technology veteran with over seven years of professional experience in engineering robust solutions for various industries ranging across Utility, Oil & Gas and non-profit, supporting production maintenance and operations. Results-focused and productive in both team-based and self-managed projects. A software development & IT enthusiast with proven technical expertise sophisticated in Microsoft Technology Stack, Relational Databases, System Architecture and Cloud, as well as knowledge in SaaS Business and Operations. Effective and efficient in communication and collaboration, experienced in leading software implementation, agile practices, O&M, and SDLC.

Certified ScrumMaster (CSM®), Oracle Certified Associate (OCA), DevOps, SRE, SaaS, IoT & Cloud Enthusiast.

HIGHLIGHTS

- Strong Object Oriented concepts for software design and development
- Over seven years of professional development experience in Microsoft Technologies stack
- Multiple years of development experience in open source (LAMP), web application, and mobile applications
- Operations experience with Cloud Technologies (AWS)
- Proficient in SaaS application and services
- Sophisticated Oracle PL/SQL Developer; Experienced in Oracle, Microsoft SQL Server and MySQL
- Programming experience with Financial Industry-favored Kdb+ Column-based Relational Time-series Database
- Streamlined software continuous delivery through DevOps practices and Automations (TFS & MSBuild)
- Certified Scrum Master with experience in facilitating Daily Scrum and Sprint Retrospective
- Built Back-end Services in SOA, Micro-services utilizing RDS, MSMQ, Windows Services and Distributed Computing, in support of the ETL and Data Analytics of IoT Time-series Data, and Data Warehouse
- DevOps Practices; Enterprise Automation; Agile Development Methodology; Mobile First Methodology; TDD Methodology

EXPERIENCE

Fujitsu Canada/Petrinex, Calgary, AB — *Technical Consultant/System Analyst*

FEBRUARY 2017 – PRESENT
- Participated in a cross-functional team that serves a larger team of 30; Engaged in day-to-day collaborations with Business Analysts, Project Managers, IT and Developers;
- Contributed to the software design and development of **Petrinex Public Data Initiative** utilizing RESTful APIs and JSON standards, ensuring application's scalability and highly availability, supporting application maintenance, automation, and operations;
- Led the design and development of the team's internal web-based **Operations Dashboard App (SRE)** utilizing Enterprise Automation, SSRS on ASP.NET MVC platform to support task automation, live monitoring and reporting;

- Primarily focused on the systemic and architectural area of the Petrinex (Canada's Petroleum Information Network) platform, ensuring all underlying functional components combine to deliver the desired service delivery KPIs and business results;
- Involved in the development and system configuration to fulfill the required software capacity and scalability of expanding the service coverage across three jurisdictions in Canada, while meeting the security compliance standards;
- Participated in the day-to-day on-site operations and system maintenance, on-call duties for Production incidents;
- Streamlining software continuous delivery through DevOps practices; Responsible for application deployments and code promotions;
- Assisting the System Architect concerning implementing the functional requirements, preparing supporting documentation, request of approval and solution design;
- Modernizing and upgrading the existing legacy components/modules; overcoming the system constraints; strengthening the system front-end and back-end security and providing quality SaaS services.

Skills:

Agile Methodology, DevOps, RESTful APIs, JSON, TFS, ASP.NET, Relational Databases, MS SQL, SSRS, Active Directory, IIS, Oil/Gas, SaaS, Solution Design, Solution Analytics, End-to-end Development, Operations, Code Promotions, Request for Proposal, Request for Information, Enterprise IT Automation

Utilismart Corporation, London, ON — *Full Stack Software Developer/Development Lead*

AUGUST 2015 – FEBRUARY 2017

- Lead Software Developer (DEV Leader) worked on a Customer-Oriented Service & Technical Support division, helped Customers on board to the company's Smart Metering platform. Led the in-house DEV team of three concerning software solution and implementation. Responsible for Communicating with the external technical consultants in support of high-level database & software architecture design;
- Experienced in SDLC, Code Revision Management, and CI. Responsible for source code revision control (Team Foundation Server & SubVersion) and application deployments using various tools (Windows IIS, Windows Services, Tomcat, Microsoft Window Server 2008, 2012, 2016);
- Participated in developing the ASP.NET based Smart Metering platform in a SaaS (Software as a Service) model that serves customers coast to coast across Canada, collects time series data on a daily basis, performs data normalization and business/data analytics on the fly;
- Solid experience with MVVM, WCF and SOA. Implemented MultiSpeak web services (SOAP Service, XML based) and interfaces that facilitate the data exchange and interoperation among various applications;
- Oracle Certified Associate (SQL & PL/SQL) with a proven understanding of high-level database model/design, performance, tuning & development;
- Developed scalable Data Loading (ETL) and Analytics backend utilizing Message-driven SOA architecture in support of the company's the Meter Data Management System (MDMS) and Utility Data Warehouse (UDW), increased the capacity of the company's Smart Metering platform to handle up-to **one million IoT devices** geographically spreading out from coast to coast.

Skills:

Team Foundation Server, Unit Testing, Internet of Things, SOA, ESB, MVVM, WCF, SaaS, Multi-tenancy Solutions, Oracle PL/SQL, Oracle Database Architecture, Data Warehouse, ETL, Source Revision Control, Agile Software Development, Deployments

Essex Energy, Windsor, ON — *Software Developer*

MAY 2013 – AUGUST 2015

- Software Developer worked on a Development & Technical Support division, contributed to various software products with combined technologies of JAVA, ASP.NET, and Oracle;
- Participated in Web-based Applications development on MS ASP.NET utilizing Telerik Silverlight toolkits and Bing Map APIs. Led the UI design and the implementation of several core application functionalities such as 1) Bing map integration, 2) Real-time remote control and monitoring of sensors, 3) On-demand data analytics, and 4) Billing services;
- Familiarized with MS ASP.NET and Java EE. Involved in full Software Lifecycle - analysis, design, programming, testing, debugging and promotion.

Skills:

Object-Oriented Programming, Oracle PL/SQL, ASP.NET, MVVM, Telerik Development Tools (Silverlight), Windows IIS, TomCat, Web Service, ASP.NET, JAVA EE

EClife E-Commerce, Halifax, NS — *Web Developer*

SEPTEMBER 2012 – APRIL 2013

- Web Developer worked on a Start-Up team in fast-paced environment;
- Contributed to the success of EcLife (http://eclife.ca) – a Multicultural Online Community platform, serving the international students and immigrant in Nova Scotia, providing services vary from social media, social networking, to online classified advertising;
- Participated in websites development in LAMP (Linux, Apache, MySQL, PHP) environment, primarily focusing on CMS (Drupal, WordPress, and PHPWind) technologies;
- Involved in client communication concerning the web design and functional requirements.

Skills:

Coding / Programming (HTML, Javascript, PHP, CSS), Front-End UI Design, Titanium Development Platform (Mobile App Development), CMS (Drupal, PHPWind), MySQL

EDUCATION

Haskayne School of Business, Calgary, AB — *MBA, specialized in Project Management, Entrepreneurship and Innovation*

2017 - 2019

Dalhousie University, Halifax, NS — *BSc, Computer Science*

2010 - 2013

Shenzhen University, Shenzhen, China — *BE, Computer Software Engineering*

2007 - 2009

CERTIFICATIONS

ActiveBatch IT Automation Training — *AdvancedSystems Concepts, Inc.*

AWS Certified Solutions Architect - Associate Training — *Rebus Business Solutions LLC*

Certified Scrum Master — *Scrum Alliance*

DevOps Foundation® — *DevOps Institute*

Oracle Database SQL Certified Expert — *Oracle*

Oracle PL/SQL Developer Certified Associate — *Oracle*

AWS Certified Solutions Architect – Associate — *Amazon.com, Inc. (In progress)*