Surasak Watthanayontkit

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SUMMARY

Software developer/designer with over 20 years of working experiences in various industries, including Oil & Gas, Financial, and Banking involving Retail and Core Banking, IT Service Management Suite (ITIL certified), chatbot (focusing on LINE platform), B2B e-Commerce, risk screening services and Online Travelling Agency.
Special Interests in Data Sciences/Machine Learning, Supply Chain Management

SKILLS

- Programming languages: Java, Python, Scala, COBOL, Assembler - both x86 and S/390 (a.k.a. Mainframe) and some analytics tools i.e., R, SPARK (Scala) and tech. related to Software Development i.e. SQLDB (MS-SQL, Postgres), NoSQL (MongoDB), XML (including XPath and XSLT transform) HTTP-Based APIs (SOAP, REST)
- Familiarity with cloud technologies with a number of certifications for Azure, AWS, and GCP
- Experiences on leading a software development team both with Agile framework (PMI-ACP certified) and traditional one (waterfall)
- Experiences on managing IT Service Management System Suites (ITSM) and its integration to automation systems (ITIL certified: license no. GR677000595SW)

WORK EXPERIENCE

CPF IT Center:AXONS (Sep 2023 – Present)

- Development Manager Overseeing ~20 developers responsible for consumer products focusing on POS solutions used in retailers/restaurants, including web portal to manage subscriptions. Technologies used range from .NET, React (Next.js), Java SpringBoot, Flutter, Node.js on Azure and aws cloud.

Agoda (Aug 2021 – Jun 2023)

- Senior Software/Data Engineer responsible for developing/supporting Hotel booking pricing platform hosted on both VM (containerized) and Kubernetes (~100M total bookings in 2022) – with special focus on Cashback program using Scala (HTTP APIs with JSON and gRPCs with Protobuf), Apache Kafka, Apache Hadoop/Spark, MS SQL DB

Thai Military Thanachart Bank Public Company Limited (Jun 2021 – Jul 2021)

- Solutions Architect responsible for guiding a team of 4-5 members as well as designing/implementing PoC of a mobile app service for bank customers with insurance/lease account with the bank to facilitate second-hand car sales using Java SpringBoot, Redis, Apache Kafka, and SQL DB

Refinitiv Software (Thailand)/London Stock Exchange Group (LSEG) (Nov 2020 – May 2021)

- Lead Software Engineer responsible for developing, supporting and leading a team of 2-3 members of backend part of risk screening service developed using Java SpringBoot and MongoDB on AWS Cloud Platform.

FutureSkill.co (Aug 2019: Freelance)

- Content creator and Instructor of the e-learning course: Machine Learning with Object Classification (taught in Thai targeting beginners as intended audiences covering Python and Keras – now part of TensorFlow package)

ExxonMobil Limited (Jan 2006 – Oct 2020)

Mar 2020 – Oct 2020

- Software Development on SAP Commerce Platform (Hybris) involving Java and Spring framework on Java 6.

Oct 2019 – Mar 2020

- Software Development involving App Modernization by converting Java 6 with Spring framework to Java 8 SpringBoot with Hibernates, Red Hat OpenShift Container Platform, Jenkins.

ExxonMobil Limited (Continued)
   Dec 2018 – Sep 2019
- Led a development/tech support team of 2-3 members of LINE Chatbot for Esso Thailand Line Channel with 2M+ active users and average 10k+ messages/day. using Node.js/Vue.js on MS Azure Cloud Platform.
- Improved a deployment process of LINE chatbot to be automated and under blue-green deployment approach using Azure DevOps (former names: Microsoft Team Foundation Server/Visual Studio Team Server)
   Jan 2009 – Nov 2018
- Occasionally led the team adopting agile framework as a Scrum Master (team size ranging from 7-12 members)
- Development (customization) and support IT Service Manage Suite (100k internal users with 2M+ tickets annually) focusing on Request Fulfillment Services as well as automating their back-end portions.
- Led the backend interface transition of Customer Service Application used by Fuels Marketing Customer Services from legacy SAP/R2 on mainframe to SAP/R3 with additional interfaces to SAS, IBM DB/2, and MS-SQL Server
   Jan 2006 – Dec 2009
- Supported Payment Card Authorization System related to Retail Service stations all over AP countries (Singapore, Malaysia, Hong Kong, Macau, Guam and Saipan)

IBM Thailand Company Limited **(Nov 2002 - Sep 2003)**
- Maintained and enhanced the IBM's SAFE II core banking application package residing on IBM Mainframe platform

Skill Power Services (Thailand) Company Limited **(Jul 2001 - Oct 2002)**
- Same roles as the position working at IBM Thailand (Described above)

Bangkok Bank Public Company Limited **(Jun 2000 - Jun 2001)**
- Developed a back-end program to handle Cash-Deposit Machine (ATM-like machine but for money deposit instead)
- Maintained and enhanced the ACI BASE-24 package (an Automatic Teller Machine package program used on the host-side with 300k+ financial transactions daily)
- Participated in the hardware upgrading of the HP Nonstop/TANDEM platform (used as a host of the ATM system)

EDUCATION
2020
Deep Learning Nanodegree from Udacity (certification link here)
2018
Supply Chain Management MicroMasters from MITx through edX (program record here, more details in this program letter)
2004 - 2005
Australian National University, MSE (Master of Software Engineering)
1996 - 2000
King Mongkut's Institute of Technology Ladkrabang, B.Eng. (Bachelor of Computer Engineering)

INTERESTS
iOS Development Hobbyist
- Created the app: Meet-Thi-13 to demonstrate the application of CNN (Convolutional Neural Networks) on Image Classifier to real-world use case.

MOOCs
- Completed nearly 100 courses since 2014 via Coursera, eDX, Udacity, and Udemy covering a wide range of topics including businesses (MBA level), Data Sciences/Big Data Analytics, and Machine Learning. (details on personal Facebook Photo Albums: link to stand-alone course certificates and link to programme certificates)
- Served as a Community TA in Python Programming course offered by MIT via eDX

Technical Speaker
- Speaker in PyCon Thailand 2018: Deep Learning in the Household

(More details on references available upon request)