



Wolfgang Holzem

Current: 140 Serangoon North Ave 2, #10-34, Singapore 550140

Home: Berlin, Germany

Languages: German, English, Thai, some Chinese

Current Phone: T +66-82-863-5669 – Germany to be advised or via What's Up

What's Up : +66 99 614 6078 (preferred)

holzemwolfgang1965@gmail.com

LinkedIn: <https://www.linkedin.com/in/wolfgangholzem/> GitHub: <https://github.com/WolfgangHolzem/>

CAREER OBJECTIVE

My goal is to obtain a dynamic, challenging opportunity that contributes to the outstanding success of the business via 20+ years Information Technology and Software experience from various global industries In Europe and Asia. I have exceptional broad Knowledge and Experience of Software development and corresponding Hardware in a variety of Global Industries.

Profile

20+ years experience developing applications, software-telecommunications, Windows, Mainframe, Linux, Unix, Oracle SapAndroid, Blackberry, IOS...

C, C++. Java, MySQL, PHP, Perl scripts, .NET, XML,Lamp, Python, Cloud, AWS, IBM, Azure, JS, VBA,...

Java & PHP Developer and Blockchain enthusiast that uses holistic thinking and attention to create sophisticated applications in the B2C, B2B and G2G network environment.

Experience

Co-Founder - eHalal Network Pte Ltd Singapore – Jan 2018–Present

eSecure

Developer for a Blockchain Network Security Project Complete development, Test Phase and hand over to Production of Paas,Baas,SaaS in Blockchain environment

Development of Frontend/Backoffice SQL Database. The frontend was developed in PHP/XML on high-performance Sun Microsystems network servers.

Re-Development and customization of an OpenSource ERP (PHP 7.2) System forked from GitHub. Developing a SCM module layer on Top of the ERP system. Setting up a Big Data Mining system for the capture of all global Halal certificates worldwide, issued by 189 different Halal certifications agencies worldwide. Data is automatically verified and directly injected into the ERP system, auto generation of user-id's and passwords for the manufacturer for each Halal Certificate. Automatic Electronic Billing system including with optional functions to connect via an Electronic Data Interchange (EDI) system for billings and payment. Developing an E-Commerce Shop and testing Magento via Spryker (None VM).

PHP Script Development to export the Halal Certificate Number, Name of Product, Date of Expire and generate a fully automated Smart Contract on Blockchain with the creation of a Public and Private Key. PHP runs as a cron job and monitors the SQL server for new entries.

Patent filing as the Inventor to IPOS Singapore

Creating a Smart Contract for the HAL Crypto Currency and issuance of 751 million Tokens Website: <https://ehalal.io> (ICO) / <https://ehalal.network> (BN) / <https://ehalal.cloud> (ERP)

Senior Software Developer - eSecure – Jan 2018–Present (Remote Project)

Developer for a Blockchain Network Security Project (DDOS Defensor)- Complete development, Test Phase and hand over to Production of Paas, Baas, SaaS in a Blockchain environment. Solidity on Ethereum smart contract programming language.

Sanook.com (Ten Cent/MIH Holdings)

Senior Adviser to the CEO on eTravel Advising the CEO on open a new revenue channel in launching a Hotel reservation system to Sanook.com 1.4 millions daily visitors. Overlooking a 30+ software development team and clean up code before the portal was deployed. The travel channel was developed in PHP with a MySQL database and several PERL cgi scripts. Training the software team on good software coding practices.

Head of SW Development - EuroAsia Communications P/L - Sep 2009 - Dec 2017 Singapore

a) Blockchain Software Development Projects under EuroAsia Communcations Pte Ltd

1) Developed a private blockchain network based on node.js Exchange transactions between different participant's using encrypted messages with the signature of each user. Transactions are stored as blocks in a distributed ledger.

2) Developed in Solidity smart contracts for the Ethereum platform

3) Tested and deployed Hyperledger code on a evm (Ethereum Virtual Machine)

4) Coded in both Golang and Hyperledger for Ethereum on Tendermint

5) Forked available blockchain source code from repositories.

6) Agile Project Management/SCRUM b) Sony Ericsson - Developed application functions, features and unit testing for Sony Ericsson World Cup Mobile Application on all J2ME and Experia devices.

Development in Eclipse JAVA IDE with Mylyn, Maven and Gradle integration. Backend development on Oracle Database 11g with JSON REST API Localization in Bahasa Indonesia, Traditional Chinese and the Spanish language. (Project Length: 9 Months) Project Website: <https://www.sonymobile.com/>

b) Sony Ericsson

Developed application functions, features and unit testing for Sony Ericsson World Cup Mobile Application on all J2ME and Experia devices. Development in Eclipse JAVA IDE with Mylyn, Maven and Gradle integration. Backend development on Oracle Database 11g with JSON REST API Localization in Bahasa Indonesia, Traditional Chinese and the Spanish language. (Project Length: 9 Months) Project Website: <https://www.sonymobile.com/>

c) Singapore Telecom (SingTel Group)

Mobile Application in JAVA for Singtel, Optus, Airtel and Telkomsel Developed in Eclipse JAVA IDE with Mylyn, Maven and Gradle integration. Backend Development on two LAPP servers with PostgreSQL Database servers and integration with the JSON REST API. Headed the localization team for Bahasa Indonesia, Simplified Chinese, Thai, Vietnamese, Malay, Hindi and the Bengali language. Headed the A/B testing team for revenue improvement/CTR (Project Length: 24 Months at multiply locations in Singapore, Indonesia and India. Project Language: English, Indonesian and Thai) Project Website(s): <https://www.singtel.com/> www.airtel.com/ [www.optus.com.au /](http://www.optus.com.au/) www.telkomsel.com

d) Bonnington Group Limited - Dubai, Dublin and Eastbourne

Corporate Mobile application for all Bonnington properties in the UK, the UAE and Ireland. Developed in Eclipse JAVA IDE with Mylyn, Maven and Gradle integration for the Android and J2ME devices and Xcode 4.2 for iOS devices. Headed the UI Design team (Project Length: 6 Months - Project Language: English) Project Website: <http://www.bonningtontower.com/>

Project Manager – BMA Asia Limited (Hong Kong & Thailand) - Sep 2016 - Mar 2017

Setup the OpenSource Streaming Platform (Icecast). Linux System Setup (Centos 7) and Administrator. Centovacast Integration (AAC) Website and Shop Integration (Magento) (English/Thai and Chinese) Development of a Payment Payment Gateway in PHP accepting payments by Visa, Mastercard, Amex, JCB, Online Banking Transfer with Bangkok Bank, Krungthai Bank, UOB Bank, Siam Commercial Bank, Kasikorn Bank and Krungsri Bank. and over the counter payment with JustPay, Mpay, BigC and Tesco Lotus (OTC by Barcode and QR Code). Develop a Network Streaming Server under the Open Source Platform from the XMBC Foundation including the development of plugins in the Python programming language. (Project Length: 6 Months - Project Language: English and Thai)

Senior Software Development – Pacific Asia Travel Association Sep 2013 - Aug 2014

Development of the backend and frontend of an in-house event Management system for the annual Pata Travel Mart.

Developed in PHP with Eclipse as the Development Tool. Backend Server was based on MySQL Database. Developed a Mix and Matchmaking application in Eclipse for JAVA EE (Spring Framework) for the computing and matching of 280 Buyers with 400 Sellers in 5,880 time-slots (10 minutes).

Integration with an online and offline payment gateway (Visa, Mastercard, JCB and AMEX and Wire Transfer). In charge of UI design/Web and Mobile Mockup.

Training of the local IT team at PATA HQ. Weekly meeting with the CFO to optimize the software development to stay on budget.

Reporting directly to the CEO, CFO and Director of Event Marketing. (Project Length: 12 Months - Project Language: English and Thai) Project Website: www.patatravelmart.com

Project Manager – Asian Trails Group (Kuoni AG) Jul 2012 - Jul 2014

Developing both the front-end and back-end in Eclipse PHP for AT's B2C portal with an outsourcing team, based in the United States, Canada, Bangladesh, India and Pakistan.

Developed 16 Android Applications in Eclipse for JAVA IDE with Mylyn, Maven and Gradle integration and several iOS application in xCode. Developed a PHP application with the Json REST API to connect to AT's backend offices (Oracle) in Bangkok, Beijing, Bali, Kuala Lumpur and Ho Chi Minh City to retrieve realtime rates and availability for hotel rooms, excursions, tour packages including multi country tours and airport transfers and update the records with a PNR (Passenger Number).

E-Commerce Shop developed from Magento OpenSource Code (25%) Using the Agile development technique of pair programming throughout the project.

Developing a Payment Gateway that connects to AMEX and Krungsri Bank for Visa and Mastercard. (Project Length: 24 Months - Project Language: English, Thai and German) Project Website: www.asiantrails.travel

VP Technical Integration – AsiaRooms.com (TUI Travel Group) 1996 – 2006

Developing the Back-end and Front-end system in PHP (Line coding) and after 2002 in the Eclipse PHP IDE and Javascript. E-Commerce Shop developed in-house. Server and Network Maintenance (Sun Sparc Servers with mirrors at locations in London, Toronto and Singapore) A/B Testing on different website functions (revenues and speed performances).

Developing a Payment Gateway with Siam Commercial Bank to clear online payments for Visa, Mastercard and AMEX cards/ (Project Length: 10 Years - Project Language: English and Thai) From 2006-2007 Technical Advisor to TUI Travel Group after the takeover. Project Website: www.asiaooms.com

Senior Software Consultant – Info Highway Co., Ltd 1993 - 1996

Software Advisory to LTU Thailand, Diethelm Group, Bayer, Osram, Siemens, Dusit Kempinski Group, Cable & Wireless Group, Bangkok Bank, Lamthong Bank, Samaggi Insurance, Thai Prasit Insurance, Lufthansa Thailand, etc

Advisor – Saigon Hi-Tech Park - 2001

Advisory to the stakeholders of the park to establish gloabl industries

Education

Grund und Hauptschule Suedlohn (1970-1980) - Moved to the Asia Pacific Region in 1985

Skills

Solidity (Eclipse YAKINDU), Ethereum, Eclipse for Java/Java EE & PHP, Golang, Hyperledger, Tendermint, Corda, Apache Maven, Javascript, JSON, XML, Linux Administration (RedHat, SuSe, Centos, Fedora, Ubuntu)

Interests

Travel, Open Source Software, Independent Music, Decentralized Software Applications, Cryptography, Cyber Security