



MARTIN KUIJS

Senior IT Consultant
Blockchain and IoT Expert

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 Nationality: Dutch

EDUCATION

1990-1994
Bachelor Degree H.T.S.
Higher-Technical Academy.
Department of Computer Science,
Information Systems and Engineering.

1985-1989
HAVO Higher Basic education.
Extensive study of physics, mathematics
and the German language.

LANGUAGES

| | |
|------------------|--------|
| Dutch | Native |
| English | Fluent |
| German | Good |
| French | Basic |
| Bahasa Indonesia | Good |

EXPAT

Sweden, USA, Asia, Africa, Indonesia,
Belgium, France

EXECUTIVE PROFILE

*Information Technology – Shaping Dynamic Software Solutions
Positioning Firms for Market Leadership – Development and Coding Background*

Creative, results driven technology leader with 19 years of IT, Telecoms and Energy Industry experience. Change agent and problem solver with passion for technology and innovation. Skillful in understanding the big picture, conceptualizing, developing and implementing solutions. Partnering with business leaders and executives. Excels in developing and motivating teams that successfully meet and achieve company objectives.

- Technology Architecture and Integration
- Global IT Delivery & Project Management
- Budgeting & Cost Control
- Organization & Staff Development
- NoSQL Database Technologies
- Distributed Architecture Technologies
- Blockchain Architecture Concepts
- Deep Learning / Machine Learning
- Leading Edge SW Development
- Mobile Application Development
- Staff Management & Team Building
- Strategic Analysis & Internal Consulting
- ITIL, COBIT5 and PRINCE2 Certified
- Cloud Computing
- High Availability Applications
- Big-Data and IoT expertise

PROFESSIONAL HISTORY

Groupe 1ep9.io, Asia, Global **June 2016 to present**
Co-Founder, CTO and IT Consultant
1e+9 takes the Internet of Things (IoT) to the next level: The Internet of Everything (IoE). Our services and experience extends to the fields of Distributed Technologies, Blockchain, Cryptocurrency, Decentralised Applications (DAPPS), high level expertise, IT end to end, Consultancy, Machine Learning (ML), Big-data and high availability, horizontal and vertical scalable applications and infrastructures.

We have a no-nonsense, result oriented approach towards projects and have the end-goal, the delivery of a project, or other agreed targets, as a priority.

Projects: BetterFarm, Cell Trace Return (CTR) , Aesthetics Registration Platform,
Blockchain Projects: EFLEX Energy Trading DAPP, CDAPP Commodity Trading DAPP

ENTSO-E, Brussels **Feb 2014 to Nov, 2017**
Senior Advisor / Deputy IT Manager
ENTSO-E is an association for the Energy Industry with 43 members in 34 countries in Europe. Leadership function in all business-related IT topics relevant for the ENTSO-E core business. Responsible for the support of several working and decision making groups of Member experts/managers, for strategic application development as well as the maintenance of relevant architecture model, metadata models, interface standards and associated interoperability tests across ENTSO-E Assembly, Board and Committees. Advisor and Manager for the Application Portfolio that is managed by ENTSO-E, and undergo regular upgrades, new releases and maintenance.

Projects: Network Modelling Database, ENTSO-E Awareness System, Ten Year Network Development Plan, Electronic Communications Platform, Incident Classification Scale Application. ENTSOE-E Extranet/Intranet (SharePoint 2013 >> 2016) Programs: CGM – Common Grid Model, NCIPEG. Network Codes Implementation Program.

PT. EXTENT CONSULTING INDONESIA, Jakarta **2012 - 2014**
CTO – spicebrick.com and zonawifi.co.id
Responsible for all aspects of overall technology vision, commercial software product development, and customer delivery for a 30 persons' IT company, servicing consumer s and corporates. Leading all segments of architecture and product development, Including buy analysis, investment rationalization, and delivery schedule.

Spearheaded the startup and delivery of first release of cloud storage consumer product to support Web and Mobile User Interface with many concurrent users. Established partnership with Mobile Operator to grow members and implement a revenue share model.

HOBBIES & INTERESTS

Travel, Culture, Food, Chess, Music & Movies, Inline-Skating, Cooking and much more. Spend as much quality time as possible with my wife and 3 children

OTHER PROJECTS

BetterFarm

Support the startup of an IT Farming project. It's a project where we do climate control, simulation and regulation based on the crops that are cultivated in aquaponics growboxes (hydro tunnels or indoor growing). IoT sensors send live data to the system and auto corrections and history of measurements is processed saved.

lep9.io

Commodity Trading DAPP

Commodity Trading DAPP (CDAPP) is a project that connects many areas with enormous potential: Blockchain, Cryptocurrency, Commodities and Security. Launching this platform means to connect all parties in an agreeable way so commodities, products and services can be traded in such an order that long lasting relationships can be formed and reliance between suppliers and buyers is a certainty.

EFLEX

EFLEX is an intelligent platform that connects small electricity producers (Prosumers), with Transmission System Operators (TSO) and Distribution System Operators (DSO). With the use of self-executing smart contracts over blockchain, all the users of the EFLEX platform will be able to tune and set their demand and supply thresholds according to their role.

LSA

Webmaster and sponsor for an Indonesian orphanage.

lestariyanganak.org

→ PROFESSIONAL HISTORY

LEMCON NETWORKS Asia, Global

2009 – 2012

Application Development Manager & Technical Manager

Responsible for rolling out Project Management Reporting Systems for Asia and Global Projects for both internal projects and customers: Telecom Vendors and Mobile Operators in the GSM/3G/UMTS.

- ❖ Develop/Maintain a web based Project Tracking System/Application that provides a range of services used to store, report and communicate project information.
- ❖ Develop Mobile Presentation for High Level Reporting and Notifications.
- ❖ Manage/Develop the Cost Control / Invoice Module and implement the process.
- ❖ Coordinate the project Database and Network Data warehouse design. MySQL and Oracle.
- ❖ Develop and new features and processes in close communication with the Customer and VP.
- ❖ Lead the work of a group of 15 developers that are globally located

LEMCON NETWORKS USA

2004 – 2009

Los Angeles, New York, Dallas TX

Application Development / IT Manager

Responsible for startup of new RIC (Remote Integration Center), implementing 2G and 3G services located in LA, Dallas and NY.

- ❖ Ensure that the National RIC organization has sufficient technical support to carry out RIC service. Support National RIC organization with technical issues related to CM tools, databases and shared drives, including Dallas RIC, LA RIC, NY RIC
- ❖ Develop/Design a web-based Tracking tool ASP/ VBScript with MySQL and ticketing system used for Tracking and Reporting all projects activities.

NOKIA NETHERLANDS & SWEDEN

1999 - 2004

Netherlands, Belgium, Sweden, France

BSS Engineer / RAN Engineer / Team leader

During the time at NOKIA I went through several positions and completed many internal training courses to get familiar with a wide range of technical fields and management techniques in a large international company.

- ❖ Part of the rollout of Netherlands' first GSM networks. Operators Ben and KPN.
- ❖ Part of the UMTS pilot project in Sweden for 3GIS operator.

TECHNICAL CAPSULE / SKILL SET

Languages / Tools: Java, PHP, jQuery, jQuery Mobile, JavaScript, HTML5, Hack, Python, Golang, Kotlin, Perl, ActionScript AS2/AS3, VB6 (AJAX), JSP, XML, MXML, ASP, ASP.NET, SQL, JSON, Nodejs, Angularjs, Scala, Spark (spark MLlib), Play Framework, Nginx, Haskell, Solidity, Docker, Vue, Vuetify, React, Bootstrap, Ionic

Design Concepts: Object Oriented Design & Programming (OOD, OOP, MVC), Scrum, Agile, Abstraction, Modularity, System Architecture and Design, Blockchain Concepts, Consensus Algorithms, Encryption Fundamentals

Platforms: Linux, Windows, SharePoint 2010, 2013 & 2016 Online, Oracle, MySQL, PostgreSQL, JIRA, Microsoft SQL Server, WebSphere, J2EE Application Servers, Tomcat, SAP, ERP, Android, iOS, Phonegap, Cordova, GitHub, MongoDB, Spring, Hibernate, Couchbase NoSQL, Kafka, RabbitMQ Messaging, Socket IO, Elasticsearch, Hadoop, Firebase, LevelDB.

Blockchain: Ethereum Network, Quorum, Hyperledger, BlockApps, Embark, Truffle, Remix, Web3, MetaMask, Infura, Chain OS 1 (Open Standard for Blockchain)

IoT: Sensors, Arduino, LoRa, Raspberry, IBM-Watson, Samsung-Artic

Management: Prince2, Agile PM, Kanban, ITIL, COBIT5 IT Management Framework