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Rob Bontekoe

Communicative, eager to learn, solution-oriented, independent,
team-oriented and structured person

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EDUCATION

- Bachelor Electronics Engineering, HTS-E Rens & Rens – graduated, November 26, 1965.
- Reactive Architecture: Domain Driven Design - [Certificate](#).

EMPLOYMENT

Java Developer | Rienks Arbodienst – Dec 2013 - Nov 2017

- I migrated the data from the Lotus Notes Absence Registration & Monitoring system to an external online system.
- Designed and developed the Billing Manager, and reduced the billing process from 14 days to 2 days per month.
- Designed and developed the Management Information System to obtain **real-time** insight into the performance of the company doctors, and the consultants.

Java and IBM Lotus Domino Developer & Instructor | AppliGate – Jul 1994 - Nov 2013

- Became the first Lotus Authorized Education Center in the Netherlands in 1994, LAEC of the year in the Netherlands in 2000.
- Developed the AppliGate website in 1996 to facilitate HR managers and students to register online for a course.
- Designed and won the contract for delivering 'IBM WebSphere Portal Masterclass' to a big IT company.
- IBM Champion 2011/2012 for Lotus and IBM Collaboration Solutions.

SOFTWARE PROJECTS

Personal projects:

- Developed an IoT monitoring system using Scala/Akka and Python to inform a family about the status of an elderly.
- [Front-end/ back-end demo project](#) using AngularJS/JavaScript, Firebase, and JEE (Restlet framework).
- Designed the course [How to use Managed Beans in XPages](#), part 1, and part 2.

Website of AppliGate: www.appligate.nl.

- Built the AppliGate website using IBM Lotus Domino and Javascript.
- I built in line with this all internal business applications needed to function as a Lotus Authorized Education Centre in the Netherlands. I used IBM Lotus Notes & Domino and LotusScript to accomplish it.
- Redesigned the AppliGate website in 2013 using the Restlet framework, Java, GAE, and Bigtable (JDO).
- Developed the [Event Scheduler](#) for scheduling training courses, using the Restlet framework, Java, and Bigtable.

Medical Record Android app:

- Developed the backend for the Android app using the Restlet framework, Java, Lotus Domino.

Billing manager:

- Automated the billing process as a replacement for a Microsoft Excel-based application using UML, IBM XPages (JSF) and Java. Created a YouTube instruction video using Camtasia.
- Build a SOAP interface for communication with the online financial administration using Java.
- Modernized the declaration system using LotusScript and Java.
- Added a Management Information System, for an overview of the declarations per month by an employee, department, or customer using IBM XPages (JSF) and Java.

Online Absence registration portal:

- Added 2-factor authentication to the online access of the Absence Registration system using the Restlet framework, Java, and JQuery.
- I maintained the online Absence registration system using Spring and Java.

Internal Absence registration and monitoring system:

- I maintained the communication with external systems using LotusScript, XML, and XSLT.
- Developed a connection with AFAS Profit systems using the Restlet framework, Java, and SOAP.

SKILLS

Software: (proficient): Java, JEE, Docker, Tomcat, REST, JSON, Restlet framework, XPages, LotusScript, GAE, JDO,
(familiar): Scala, Akka, Play, Slick, PostgreSQL, SBT, Python, Flask, Julia, SQL, JavaScript, AngularJS, HTML/CSS, XML,
XSLT, SOAP, Linux.