Hughes DAMRY
30/03/1970
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<u>Python Developer</u>

[IT Manager]

[System Engineer]

SKILLS

OPERATING SYSTEMS
- WINDOWS
- LINUX
- VMWare - MacOS

DEVELOPMENT
- Python – Odoo – FastAPI – REST – PySimple GUI
- Kivy – Django
- HTML – Javascript - Bootstrap
- VB – C - ORACLE PL/SQL

OPEN SOURCE
- Odoo Community Association

DATABASES
- PostgreSQL
- MySQL – SQLite - MS SQL
- MS Access, Oracle, 4D

EMAIL
- Zarafa - Exchange

SECURITY
- Fortinet – Fortigate

MISCELLANEOUS TECHNOLOGIES
- Gitlab - Github – Subversion
- Nagios – Shinken
- Unify Openscape - VoIP
- Docker – Kubernetes

MANAGEMENT
- Budget - Team (5 persons)
- Contracts – Purchases - Project

LANGUAGES
- French : mother tongue
- English : good
- Dutch : basic

Driving license for car and motorcycles

COURSES and TRAININGS

STUDIES
- 1995 – University of Liège
Master in IT

- 1988 –Royal Athénée of Visé
Secondary school: Maths-Sciences

TRAININGS
- 2017 – Odoo Experience
Javascript framework in Odoo 11

- 2015 – Global Concept (Paris)
Unify Openscape Business migration Hipath 3000
Unify Openscape Business Booster Card

- 2006 – Micromuse Official Partner (Francfort)
Netcool Webtop admin
Netcool Impact

- 2004 – Belgacom
CISCO Datacom

- 2000 – University of Namur
QoS and Traffic control in IP networks

- 1999 – Microsoft Partner (Malines)
MS SQL server Administrator

- 1999 – Crystal Reports Partner (Anvers)
Crystal Reports advanced

WORKING GRADUATION
Acquisition and management of automated ballots.
Creating software for performing the counting of votes from ballots acquired using a scanner. Development in C on Windows with the TWAIN interface for interacting with the scanner.

HOBBIES
- Competitive Scrabble
- IT (developments Web, Python, Android, Palm) ⇨ www.damry.org
- Music (writer for Prog-résiste magazine + web)

EXPERIENCE

- **December 2020 to present : Software Engineer** at **Acsone s.a.**
  - **Python** and **Javascript** development based on the **Odoo** framework
  - Implementation of web **REST** services with **FastAPI**
  - Several Odoo migrations (V9 – V13, V13 – V16, V10 – V16)
  - Development/migration of Odoo modules for the Odoo Community Association
  - CI/CD: Gitlab, Github

- **July 2020 to November 2020 : Senior IT developer** at **Earlytracks s.a.**
  - **Python** development of NLP project in a micro services architecture (PostgreSQL, MongoDB, Redis, Elastic Search, aiohttp)
  - Redesign of the architecture based on **FastAPi** for web services

- **October 2016 to July 2020** : **ODOO Functional and technical consultant** at **Noviat s.a.**
  - **Python** and **Javascript** development based on **Odoo** framework (ERP)
  - **REST** web services development with **FastAPI**
  - Odoo migrations (V9 – V13, V13 – V16, V10 – V16)
  - CI/CD: Gitlab, Github

- *April 2016 to August 2016*: IT Consultant at HaVo Consulting / TEKsystems
  - April 2016 to present: Open Systems Administrator at NRB
    - day to day Linux administration (+ some AIX – Solaris – HP-UX)
    - modification, improvement and migration (1.3 -> 1.9) of an inventory Django / Python application
    - implementation of a Docker – Kubernetes – Atomic Host project

- *September 2015 to April 2016*: Back to **Administration Communale of Seraing** as **Specific IT officer / IT director**

- *September 2014 to August 2015 :* Employee at **ED-Consult** as a **Senior IT Consultant**
  - Training: **Unify Openscape Business** – basic training / Hipath 3000 migration
  - Training: Unify Openscape Business - **Booster Card**
  - Installation and configuration of **UNIFY** Openscape Business systems
  - Consulting and IT support for 2 companies

- *April 2008 to August 2014*: Employee at **Administration Communale of Seraing** as **Specific IT officer / IT director**
  - Redesign and full supervision of IT communal services
  - Management of the IT **budget**, contracts and supplier relationships
  - Management of a **team** of 4 people
  - Consolidation of server infrastructure with **VMWARE** 4.0 and deployment of a SAN architecture based on EMC² CLARiiON AX4-i
  - Installation and management of **Fortinet** UTM
  - Migrating an **Exchange 2000** to **Zarafa 7**
  - Development of specific internal web applications
  - Network Monitoring with **NAGIOS** then **SHINKEN**
  - Infrastructure consulting / solutions for different municipal entities

- *January 2005 to April 2008*: Employee at **Belgacom International Carrier Services** as a **Business IT System Manager**:
  - Implementation and support for SS7 signaling links monitoring system (**Ectel** then **Inet Geoprobe** (Tektronix))
  - Management and development of **Netcool (Omnibus – Impact – Webtop – Probes)**: global monitoring system receiving alarms from network devices
  - Monitoring with **Nagios** (config + scripting)

- o Development of tools (**MS Access**, **Python**, **VB**) to load reference data automatically into monitoring systems in order to decode raw data
  - o On demand development and support (i.e. Oracle **pl/sql**, MS Access, Python, Flex)
  - o **Linux** servers management

- *May 2001 to December 2004*: Employee at **Belgacom s.a.** inside the international operations in the 'Projects, Tools and Processes' team as **Data Network Engineer** and **IT System Manager**.
  - o Implementing a POC of SMS transit system between ISP's and mobile operators: setting up a **mail server** on **Linux** with scripting in **Python**. Interaction with a Postgres database
  - o Implementation of solutions to facilitate the use of standard Belgacom softwares
  - o **HP Openview** tuning to monitor international **VoIP** equipments from Belgacom network
  - o Project management : implementation of SS7 monitoring links to generate Call Data Records of international calls (**SigView** – **QualiWeb** – **Ectel Alarm Manager**). **Micromuse Netcool** (**Omnibus** – **Impact** – **WebTop**) implementation for Belgacom's international network
  - o Tools development with **MS Access 2000** and **VB6**

- *July 2000 to May 2001*: Employee at **Adtech s.a.** as **IT manager** :
  - Administration, support and troubleshooting of **Network**, **Windows NT**, **Windows 2000**, Windows 95/98/Me
  - Hardware troubleshooting
  - Order and IT management
  - **VoIP R&D** on competing products : functional testing of **SIP** and **H323** products and interaction tests with Adtech's products (mainly ip phones)
  - Support the sales team for **VoIP** (fairs, demo...).
  - Customer Support for **VoIP** products
  - Advising customers on infrastructure to use **VoIP**

- *May 2000 to july 2000*: Employee at **Celem Computers s.a.** as a **system engineer** for internal and external customers:
  - Administration, support and troubleshooting **Networks**, **Windows NT**, **Windows 2000**, Windows 95/98
  - PC and servers hardware troubleshooting

- *April 1999 to april 2000*: Employee at **Westinghouse Electric Europe** as a **NT network administrator**:
  - Managing a **Windows NT** network using **TCP / IP** and **IPX**: daily and proactive management of the network in symbiosis with the parent company in the USA
  - **Second level helpdesk** for Windows NT
  - Scripting to automate software installations using **Winbatch** and **Sysdiff**
  - Installation, administration and database management using **MS SQL server** for the accounting software (Dynamics) and "Time Sheets" (Tempo). Creation of small SQL scripts
  - Installation and administration of **Citrix Metaframe 1.8**

- *June 1998 to april 1999*: Employee at the **Belgian National Railways** as a S**ystem Analyst** within the **"Network architecture"** division :
  - **Managing** a **Windows NT TCP/IP network** (180 servers, 1200 PC's): Daily supervision of Compaq devices with SNMP and proactive network management
  - **Second level helpdesk** for **Windows NT** : support of the SNCB's hotline in case it can't solve problems
  - Integration of new units within the network: R&D for new devices and software with setup of test environments

- *May 1996 to june 1998*: Employee at **ISIS** (Verviers) as a **Programmer Analyst** : ISIS is a software company for SMEs which publishes an accounting software called EQUISIS
  - Programming in **4D** (Mac and PC): customized applications according to customer requirements and specific changes in the EQUISIS accounting software
  - 4D Support (PC) for Belgium and Luxembourg
  - Installation and management of **Windows NT** (+ W95 & W3.11) and **MacOS networks**: cabling (RJ45 and BNC), setup and configuration of devices within **ethernet TCP/IP**, **IPX/SPX** and **Apple Talk networks**.
  - Windows(NT + 95 + 3.11) support: helpdesk for ISIS' customers
  - Web development: static pages with IIS 2 and dynamic pages with 4D server. Creation of links between both
  - I also gave trainings about MS Word, MS Excel, Windows (NT et 95).

- *November 1995 to February 1996*: **Database** application using **MS ACCESS** for the **I.E.S.H.** of **ULG**: creation of a database of Belgian companies with the ability for the main user to easily create queries