AMANT STEPHANE

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Marital Status: Married

BACKGROUND

Goal driven, Team player, Analytical thinker, Technology enthusiast

EXPERIENCE

Lead Engineer – Cluepoints	**2021 - Present**
Senior Python Backend Developer - Cluepoints	**2020 - 2021**
Senior Web Application Developer - OncoDNA	**2015 - 2019**
Analyst - Developer Ruby on Rails - Belighted	**2011 - 2015**
Analyst IT - PriceWaterHouseCoopers	**2010 - 2011**
Student Job as VBA Developer - Chimay Group	**2009**

CERTIFICATIONS

Shortcut to tech leadership	**2021**
Fire awareness training	**2020**
IHC- GCP training	**2017**
ISO 27001 training	**2017**
First Aid Certificate	**2017**
Professional Scrum Master 1	**2016**
TOGAF 9 Foundation	**2010**

ACHIEVEMENTS

→ 2020 – Present : Integration of Sisense inside of CMP Platform (permission alignment, data transformation and export)
→ 2017 - 2019: OncoKDM backend platform – Analysis and management of the team handling the development of the new asynchronous bio-it pipeline processing tool of OncoDNA (using Django, redis, rabbitMQ and docker).
→ 2016 - 2017 : OncoSHARE - Analysis and development (using PHP and Symfony) of OncoSHARE, a tool designed to be the link between the patient, the oncologist, the oncology community and OncoDNA. It allows sample Shipment box request, analyses ordering, process follow-up, data analysis and data sharing.
→ 2015: Teaching assistant for the programming project in C at UNamur.
→ 2014: Several talks ("On tracks with Ruby on Rails" at FeWeb and "Modern databases and NoSQL" for a bachelor class)
→ 2013 - 2015: In charge of the technical blog of Belighted (Writing of several technical articles about latest technologies (SQL, NoSQL, web technologies, best practices in application architecture etc.))
→ 2011 - 2015: Supervision of several projects (Development and advisory about technical solutions) for several accounts such as UCL, CSA, Group IPS, MyMicroinvest at Belighted.

→ 2011 - 2015: ERP Valipat – Analysis and development for a built from scratch ERP tailored to the management of patent applications for european and world offices.

Implementation of an integrated solution involving order handling, quotes, mailings (with dynamic templates), contacts, workflows, billing (and interaction with accountant application BOB), user management with roles and permissions, data export (.pdf and .xls), user automated test procedures (with Rspec and Cucumber), application architecture design with several API, access to public webservices. The project is led using agile methodologies, versioning, environment and deployment strategies, unit and user tests.

→ 2010: Analyst IT for PWC

Audit of IT procedures for following societies: BNP Paribas-Fortis, Forem Formation, HighCo Data and audit of computer network infrastructure of Crédit Agricole.

→ 2009: Master thesis: Memetic algorithm for discovering biclusters in microarray data (Java)

Improvment of an existing genetic algorithm using local search methods in order to discover clusters of genes presenting high similarities in their biological behaviour.

COMPUTER SKILLS

Modeling	UML, Entity-relationship model, Business modeling
IT Languages	Python, Ruby, C, PHP, SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Memcached, Redis, RabbitMQ)
Web Technologies	Ruby on Rails, Django, HTML, JSON, XML, JavaScript (VueJS, AngularJS, JQuerry), CSS (SASS, SCSS)
Others	Agile methodologies, Application architecture, REST, APIs, Git, Testing, Development best practices (SRP, design patterns, …), Docker, Continuous integration (Gitlab), Package versioning, Automated deployment (Capistrano), Orchestration and provisioning (Salt, Ansible)
Operating systems	MacOs, Windows, Linux, OS virtualization
Typography	Latex, Ms Office, OpenOffice

EDUCATION

Universidad Pablo de Olavide, Séville (Spain) Internship: "Memetic algorithm for discovering biclusters in microarray data" Internship linked to master thesis supervised by Pr. Federico Divina	**09/09/09-** **09/12/09**
Faculty of Computer science, University of Namur (Belgium) Master's degree in computer sciences Orientation : Information systems Graduated with high honours	**2008-2010**
Faculty of Computer science, University of Namur (Belgium) Bachelor's degree in computer sciences Graduated with high honours	**2005-2008**

LANGUAGES

French	Native proficiency
English	Full professional proficiency
Dutch	Professional working proficiency
Spanish	Elementary proficiency