



Willy Cornelissen

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I am a highly experienced senior developer with over 25 years of expertise in software development and technology. Throughout my career, I have developed a strong foundation in JAVA and have recently expanded my skill set to include Python development with a focus on machine learning projects. My experience in building web applications has given me a strong understanding of the full software development life cycle.

Experience

2020 to 2023

Senior Analyst

CEMIG Brasil, Home Office

- Development of applications in Python using machine learning packages (opencv, pandas, plotly)
- DevSecOps procedures
- Virtualization of servers
- Deployment of services in containers (Docker)

2010 to 2015

Senior Developer

IBM USA, Home Office

- Development of applications in JAVA to cover Supply Chain, CRM and Automatic Translation
- Support of AMMS (Anthem Medical Management System)

2000 to 2010

Senior Developer

TRE-MG, presencial

- Implementation and support of a PHP platform to promote national elections.
- Design and architecture of a linux environment to publish the solution

Training

- 2022: Docker, Angular, Blockchain
- 2021: Spring Boot and Thymeleaf, API Rest and AJAX, Deep Learning with Torch
- 2020: JAVA 8, OpenCV
- 2019: Python Data Science Toolbox
- 2016: Machine Learning, Natural Language Processing, Scikit-Learn

Education

Master Degree in AI

The use of machine learning to detect onsets

UFMG, 2020

Bachelor on Computer Science

UFMG, 2000

Publications

- SBCM 2019, Automatic Onset Detection using Convolutional Neural Networks