NOURIDDIN BEN ZEKRI

Computer Science Engineer

National Higher School for Computer Science and Systems Analysis

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PROFESSIONAL EXPERIENCES

R&D Full Stack Software Engineer

Tanger Med Port Authority

📅 **Jully 2019 - Present**   📍 **Port Tanger Med, Tanger, Morocco**

Development of web applications for the Port Community System of Port Tanger Med with the NodeJS, ReactJS, J2EE and Spring Boot / Data / Security technology stack.

Installation and configuration of the Frontend & Backend web development environment and manage deployment to production in a Gitlab CI/CD and Kubernetes based environment.

Management of web and mobile development projects involving the various entities of the Tanger Med Port and monitoring of integration and functional tests in production (Import / Export, PMIS, Passenger Ports, Container terminals).

Collaboration and management of Web Services and EDI exchange projects between Tanger Med and its various partners and customers (Customs, FOODEX Morocco, other Ports, Container terminals, etc.).

- J2EE, Spring Boot, NodeJS, ReactJS, SQL Server, Oracle, Gitlab CI/CD, Docker, Kubernites, Grafana

R&D Software Engineer

AXENTIS Group

📅 **November 2018 - May 2019**   📍 **Casablanca Technopark, Morocco**

Participation and contribution throughout the life cycle of electronic banking projects from design, development, testing to the delivery of the project to customers

- J2EE, Hibernate, JSF, C, JavaScript, XML, HTML5, SQL Server, Oracle, Jasper Report, UML2

End of Studies Project / Machine Learning Engineer

ATM-VIEW

📅 **February 2018- June 2018**   📍 **Casablanca, Morocco**

Implementation of ATMs replenishment amounts forecast and cash optimization solution that predicts and optimizes the replenishment amount to minimize bank costs.

- ASP.NET MVC5, JavaScript, C#, SQL Server, Python, Git, Machine learning, Linear regression, Optimization techniques, IBM CPLEX

PROJETS

Elman's Neural Network in Time Series Forecasting

Machine learning Project   📅 **2018**

Implementation of a supervised machine learning model based on Elman's recurrent neural networks for time series forecasting.

- R, Machine learning, artificial neural network, time series analysis.

BI Dashboard

Projet BI - ENSIAS   📅 **2017**

Design and analyze a dashboard of the state of California for data integration and analysis.

- QlikView, Google Data Studio, Excel, MS BI, Visual Studio, SQL Server.

EDUCATION

Master Degree of Science in Computer Science

National Higher School for Computer Science and System Analysis

📅 **2015-2018**   📍 **Rabat, Morocco**

Master Degree in Science – 4ᵗʰ year

Faculty Of Sciences, Software Quality

📅 **2014-2015**   📍 **Tetouan, Morocco**

Bachelor Degree of Science

Faculty Of Sciences, Mathematics and Computer Science

📅 **2011-2014**   📍 **Tetouan, Morocco**

PROFESSIONAL SKILLS

Programming Languages
J2EE, Spring Boot/Security, JPA, JavaScript, NodeJs, ReactJS, ExpressJS, Python, R, C.

Databases & Frameworks
SQL Server, PL/SQL, MySQL, Oracle, JPA, Prisma

DevOps tools
Docker, Gitlab CI/CD, Kubernetes.

Operating Systems
Linux (Ubuntu), Windows 7/10

Process modeling
UML2, Merise, BPMN2, MS Visio

Version Control & teamwork
Gitlab, Github, bitbucket, GitKraken, Trello, Slack

Decision support software
SQl Server Studio, SQL Developer, Power BI, SPSS, MS BI, MS Office, Matlab, CPLEX.

Applied Mathematics and Data Science
Data analysis, Machine learning, Artificial Neural Network, Optimization, Forecasting, Time series analysis, Statistics.

Certification

Certificate in Machine Learning from Coursera.org – Ref: FYHNDYVP43YF
Check My LinkedIn profile for more certificates

Languages

- **English:** Fluent.
- **French:** Fluent.
- **Arabic:** Mother tongue.

Interests

- Member of the organizing committee of Logistiqua 2017 - ENSIAS
- Photography, New Technologies, Sciences, Music.