





NOURIDDIN BEN ZEKRI

Computer Science Engineer

National Higher School for Computer Science and Systems Analysis

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-  TETOUAN, Morocco



PROFESSIONAL EXPERIENCES

R&D Full Stack Software Engineer

[Tanger Med Port Authority](#)

 **July 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, FODEX 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.