

SOUFYANE NACIRI

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SOFTWARE ENGINEER

Motivated Software Engineer with over 3 years of professional experience in developing backend, middleware, and web applications within the Sales, service marketing, purchasing, production/shop floor.

Experienced in the full software development lifecycle (SDLC), from requirements gathering to implementation and maintenance. Adapts well to agile methodologies, collaborating effectively in cross-functional teams. Proficient in Java, Spring Boot, C#, NET, React, JavaScript, Oracle, PL/SQL, MySQL, and MongoDB.

Software Design and Architecture • Design Patterns • Database Architecture • Data Structures Code Review • Multithreading • Reactive and Functional Programming • Clean Code • CI/CD

Languages: Java,C#

Web: HTML, CSS, JavaScript, React.js, Angular.js, Node.js, JWT, REST, SOAP

Web Services: RES, SOAP

Web/App Servers: Apache Tomcat, WebLogic, Apache HTTP

Frameworks: Spring Boot, Struts, Hibernate, Mockito, JUnit, JSP, JAXB, JDBC Databases: MySQL, Oracle, PL/SQL, MongoDB

Design Patterns: Singleton, Factory Method, Observer, Command, Template Method

SDLC: Agile

Tools: IntelliJ IDEA, Visual Studio, Maven, Jira, Git, GitHub Actions, Jenkins, Docker, Kubernetes, Kafka, RabbitMQ, Postman

Platforms: Windows, Linux, MacOS

Application/Software: OpenERP

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a Master's Degree in Computer Science (Available for full-time, W-2 employment).

YOU STICK OUT, Casablanca, Morocco • 01/2020 - 07/2023

YouStickOut is a creative communication company..

Java Software Engineer

Played key role in designing software, modules, and custom frameworks to support operations of different organizations including health, libraries, and rental companies.

- Developed robust backend services and RESTful APIs using Java, Google Cloud, Protocol Buffers, Kafka, and MongoDB, effectively bolstering scalability and agility capabilities.
- Created new modules for third parties using Java, file transfer to standardize statement data and integrate to the current reconciliation process. This initiative led to

streamlined data processing, improved accuracy, and enhanced efficiency in reconciliation workflows.

- Implemented Spring Security with JWT and Auth2, fortifying the application with robust and secure authentication and authorization mechanisms.
- Applied and engineered Dependency Injection using Spring Boot, reducing code coupling and enhancing compile-time safety.
- Deployed and managed services using Docker and K8s leverage Microservice architecture, resulting in enhanced deployment flexibility, scalability, and fault tolerance, ultimately improving system reliability and performance.

Technologies Used: Java, Spring, JPA, Bootstrap, JavaScript

UNIVERSITY SULTAN MOULAY SLIMANE, Beni Mellal, Morocco • 02/2018 - 08/2018

Full Stack Developer Intern

Built Student Management System

- Designed and developed the overall architecture of the Student Management System (SMS) using Spring Boot, ensuring scalability and modularity.
- Collaborated with stakeholders to gather requirements and translated them into technical specifications.
- Implemented secure user authentication and authorization mechanisms using Spring Security, ensuring that only authorized users can access and modify student data.
- Developed CRUD (Create, Read, Update, Delete) operations for student data, providing a user-friendly interface for administrators and teachers to manage student records. An Integrated the SMS with a relational database to store and retrieve student information efficiently.
- Implemented database migrations and optimizations for improved data access and retrieval.

Technologies Used: Java, Spring, Hibernate

ACADEMIC PROJECTS

Maharishi international University (2024) Badge Scanner System: Application for Students and Teachers. Which was mainly based on QR Code attendance. By scanning the QR Code it will automatically fill attendance. Created class diagram and implemented CRUD operations for members and their roles. Utilized Spring Boot, JPA, MySql

Maharishi international University (2023) Attendance Management System Using Face Recognition: We have developed a cutting-edge attendance recorder. Using face recognition, you can easily record attendance and have access to in-depth analysis and a wide range of functionalities.
Implemented CNN architecture for face detection. Utilized python opencv-python

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Web Programming, Artificial Intelligence, Software Architecture, Enterprise Architecture

Master's in Information System Engineering

University Sultan Moulay Slimane, Beni Mellal, Morocco

Bachelor's in Computer Science

University of Moulay Ismail, Meknes, Morocco