LOTFI JELLALI

Software Developer & Industrial Engineer

"Versatile professional adept at bridging the gap between industrial engineering practices and cutting-edge software development. Passionate about creating efficient solutions that combine analytical rigor with innovative thinking."

PERSONAL DETAILS

E-mail: Lotfijellali40@gmail.com

Mobile: +21698113903

LinkedIn:
http://www.linkedin.com/in/jellali-lotfi-/

GitHub:
https://github.com/LotfiJL
Portfolio : https://jelo-lotfi.netlify.app/

Adress: Mourouj_3 – BenArous

Languages: English, French

SKILLS

Programming Languages:

Proficient in JavaScript,
Basic knowledge: Python and Java.

Web Development:

React.js and Vue.js
Node.js for backend development.
Experience with Express.js
Basic knowledge for Django.

Database Management:

SQL (MySQL)
NoSQL (MongoDB).
Designed and optimized database schemas.

Networking:

TCP/IP, DNS, and firewalls configuration
load balancing and CDNs.

API Management:

RESTful APIs.
Swagger for API documentation.

Soft Skills

Communication:
Problem-Solving: Analyzing complex issues and finding practical solutions
Adaptability: Thriving in dynamic environments

Lean Management:

Applying lean principles to optimize processes.

EMPLOYEMENT

Leoni Wiring Systems Tunisia:

Suply Chain Management   **06-2022 / 12-2023**

Resource Optimization Strategies

Customer Relationship Management (CRM), Commitments and Information Control

Project Implementation:

Experience with SAP Integrated Business Planning (IBP)

EDUCATION

PREP DIPLOMA   2017 - 2019
Preparatory Institute for Engineering Studies IPEI Nabeul

ENGINEER DIPLOMA   2019 - 2022
The Higher National Engineering School of Tunis

Projects

1- "Inventory Optimization System using IBM ILOG CPLEX and C."

Use IBM ILOG CPLEX library to manage inventory optimization problem:
- Reduce storage and inventory costs.
- Support better decision-making for optimal inventory control.

Technologies: IBM ILOG CPLEX, C, Mathematical and linear algebra

2- End of study internship   SOFIMA FILTERS   03-2021

Automating Internal Logistics Flows:
- Implemented a Microsoft SQL Server database to centralize and manage the company's supply chain data (orders, shipments, inventory, suppliers.)
- Designed database schemas that enabled the automation of key logistics processes and data management.
- Leveraged SQL queries and integrated analysis tools (such as SQL Server Reporting Services) to conduct in-depth data analysis, identify process bottlenecks, and optimize logistics workflows.
- Reduced operational costs and lead times associated with logistics processes.
  Technologies : Microsoft SQL Server

Developed a feature-rich e-commerce platform using Node.js, React.js, and MongoDB:

Admin Functionalities:

Created a robust admin panel for efficient category, product, brands … management.

Implemented secure login and role-based access controls.

User Functionalities:

Designed intuitive user interfaces for seamless browsing and shopping.

Enabled personalized recommendations and order tracking.

Achievements:

Streamlined administrative tasks, enhancing operational efficiency.

Improved customer experience through responsive UI and secure checkout.

Demonstrated expertise in full-stack web development.

Technologies: Node.js, Express.js, React.js, MongoDB, Bootstrap, RESTful APIs

3- <u>Developed a responsive portfolio website to showcase projects, skills, and personal information:</u>

dynamic user interface, elegant online presentation

responsive design,

Integrated a contact form using Nodemailer, enabling smooth client communication.

Hosted on Netlify

Technologies: Node.js, React.js, Bootstrap, Express.js

<u>Developed a Coraan App, an application for accessing specific features related to Quran:</u>

Features:

Online Quran Reading (MP3 Format): Users can read the Quran online with audio support.

Live Streaming (MP4 Format): Provides live streaming of Quranic events or lectures.

Intuitive Interface: Designed a user-friendly interface for seamless navigation.

API Integration: Utilized public APIs for Quranic content.

Hosted on Netlify

Technologies: HTML , CSS , JS