Jonas Shoukri

GitHub| LinkedIn| Portfolio
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EDUCATION

LASALLE COLLEGE
3 YEAR COMPUTER SCIENCE DIPLOMA
2022-2025 | Montreal, QC

CISCO
IT ESSENTIALS: PC HARDWARE AND SOFTWARE
Finished Dec 2022 | Montreal, QC

CSI
CANADIAN SECURITIES COURSE
Finished Dec. 2021 | Montreal, QC

LINKS

Github:// **JonaShoukri**
LinkedIn:// **Jonas**
Portfolio:// **Jonas Shoukri**

COURSEWORK

COLLEGE
Design Patterns and information systems
Advanced Algorithms
Operating Systems
Functional Programming
Applied Mathematics
Computer Architecture
Networking
DataBase
Scripting
Multi-tier App Dev.
IOS and Android Mobile Dev.
DevOps and Cloud services using Azure
CI/CD pipelines and workflow

SKILLS

PROGRAMMING
5000+ lines or equivalent:
Java • CSharp • MongoDB • Azure •SQL
.Net Framework • Design pattern
System design • CI/CD • DevOps
1000+ lines:
Kubernetes • Docker • React + Vite
IOS and Android Dev • Vercel Hosting

LANGUAGES
Fluent in:
English • French • German
Understand:
Arabic

EXPERIENCE

PROPCHASE.CA | SOFTWARE DEVELOPER
April 2024 – Present | Montreal, QC
- Conceptualized a backend system design (UML and white paper) responsible for aggregating real estate listings data from all across the internet and storing them in MongoDB.
- Tasked with developing ASP.Net Web API and endpoints to open-source the above database. The data was behind a paywall we set up, requiring users to purchase an API key.This used Azure for DevOps and cloud hosting the API and backend scraper system.
- Implemented CI/CD pipeline to seamlessly update live product while making changes.
- Created Vite + React front-end website using Chakra-UI library to display the whole project and get users to purchase API access using Square.

VOTRESITE.CA | WEB ADVISOR
April 2023 – March 2024 | Montreal, QC
- Tasked with understanding clients' needs and relaying the information to the development team in a clear and concise manner using technical terms.
- Responsible for fixing low and medium-end web problems clients have experienced on their sites. (DNS, SSL, HTML, CSS, domain, email service, server redirection, and other issues).
- This role would, on occasion, lean into sales since we had a variety of service base products to introduce to clients when certain issues got raised.

HSE | DEVELOPER
Dec 2020 - Jan 2023 | Montreal, QC
- Conceptualized and implemented a complex trading system capable of interpreting Csharp scripts.
- Tasked with DevOps using Azure servers and frameworks.
- Worked on data management using .Net Framework + MongoDB and IBKR API in order to live stream market data from IBKR and turn it into historical market data and subsequently storing it in Mongo.
- Implemented an adapter in order to take advantage of the IBKR API.
- Used CI/CD pipeline fluently and reliably using GH actions to auto- redeploy to Azure servers.

PROJECTS

DESIGN PATTERN PROJECTS | HTTPS://GITHUB.COM/JONASHOUKRI
Montreal, QC
- This is a series of projects (Aircraft simulator, snake game and cinema) that I have pinned to the top of my GitHub account. These repositories demonstrate my design pattern and system design capabilities with a focus on scalability, maintainability and reliability. They each contain a SVG (UML) file and ReadMe describing the projects and giving insight on the patterns and techniques used.
- Tasked with designing and documenting (UML + ReadMe) my own systems based on certain given guidelines.
- Charged with improving the maintainability and scalability of these projects through system design.
- Tasked with programming my systems and implementing 20+ design patterns from scratch using my approved UMLs and ReadMe files for guidance.