Shadi Jiha

Software engineer

📍 Montreal

📞 (514) 570-2400

in shadi-jiha-0a5267196

⊙ shadijiha

↖ shadijiha.com

SKILLS

Programming
JavaScript, CSS, HTML, C++, PHP, Java, C#, MySQL, Python, TypeScript

Frameworks & Technologies
Git, GitHub, React, NestJS, NextJS, Laravel, NodeJS, OpenGL, Angular (beginner)

LANGUAGES

English
Fluent

French
Native

Arabic
Native

EDUCATION

BEng. Software engineering (Co-op), *Concordia University*
Sep 2019 – present
Relevant courses: OOP in Java, Algorithm design, Database systems, Advanced C++, Advanced game design and animations, Software design, testing and quality control, Software security

PROFESSIONAL EXPERIENCE

Full-stack Software engineer, *Tap medical*
Aug 2020 – Apr 2021
- Impacted overall workplace performance by increasing efficiency of QA testing
- Replicated UI/UX mockups using React
- Built full admin dashboard with live Chat between admins and customers
- Set up a database recovery system for the QA engineer
- Automated the workflow of the QA process using selenium with python and increased testing speed by 50%
- **Technologies worked on**: Blade, React, Laravel PHP, Python with selenium, MySQL, Amazon AWS, Jenkins

PROJECTS

High-level language Compiler 🔗
Jun 2021 – present
- Built a complex high-level language compiler from scratch using C#.
- Supports features such as: if/else, loops, classes, functions, pointers and more.
- Meant to be a nice scripting language that goes well with my **Game Engine** 🔗

Stack Overflow clone (School project) 🔗
Sep 2021 – Dec 2021
- Lead a team of 7 developers to built a full-stack web application where user can ask, respond and react to questions
- Designed and implemented an authentication system from scratch
- Set up continuous integration using Travis CI
- **Technologies used:** Laravel PHP, Blade , MySQL, Eloquent ORM

Cloud Drive 🔗
Sep 2020 – Aug 2021
- Full cloud platform where you can upload, modify, delete and share files
- Designed and implemented a complete REST API with Swagger
- Hosted the entire application to the web on a Raspberry Pi
- **Technologies used:** React , NestJS , TypeORM, MySQL , Linux and Apache

AWARDS

1st place winner ConUHacks VI hackathon 🔗
Jan 2022
- Query the customer and orders data from a 3rd party REST API from the frontend using SAP API
- Add cache to store the fetched data locally to increase performance
- Self-hosted the backend using Linux, apache, and Raspberri Pi
- Implement a secure login with multi factor authentication using the Twilio API
- **Technologies used:** NestJS, NextJS, MySQL, TypeORM, ChakraUI

1st place winner iLink hackathon
Sep 2021
- Built a full-stack voice driven web application using Laravel and MVC design pattern
- Processed and parsed user voice input using and executed action accordingly