Hassan Diab

Software Engineer

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WORK EXPERIENCE

Incoding - Software Engineer

August 2023 - current   Beirut, Lebanon

- Developing powerful APIs with Django(DRF), crafting elegant frontend designs using Next.js, React, and Tailwind CSS, integrating payment gateways like Stripe, and writing efficient Python code for web scraping. Additionally, I work with various frameworks such as Laravel, Django, Flask, and PHP Code Igniter.
- Designing database-driven websites, implementing Docker for containerization, and utilizing AWS for cloud infrastructure management.
- Collaborating with cross-functional teams, providing technical support, conducting code reviews, and contributing to coding standards improvement.

Lead By Tech - Software Engineer

March 2023 - August 2023   Beirut, Lebanon

- Developed and designed full websites using Next.js for the frontend and Django for the backend, ensuring seamless integration and optimal performance.
- Implemented meticulously structured database-driven websites, guaranteeing reliable database connectivity and efficient data management.
- Collaborated with cross-functional teams to gather requirements, design solutions, and deliver high-quality web applications tailored to client needs.

EDUCATION

Lebanese International University - B.S., Computer Science   Beirut, Lebanon

October 2021 – January 2024

- Graduated with distinction: GPA 3.92/4
- Honor List: Fall 2021-2022 | Spring 2021-2022 | Fall 2022-2023 | Spring 2022-2023 | Fall 2023-2024

PROJECTS

➢ **Dental Procedure Management System**
- **Technologies**: Django (DRF), React, Tailwind, Material-UI, Redux, AWS (S3), Python, Typescript, Docker, Axios
- **Description**: Developed a robust dental practice management system facilitating comprehensive patient management, appointment scheduling, and inventory tracking functionalities to optimize dental practice operations.

➢ Newsletter Subscription Platform

- **Technologies**: Django (DRF), Next.js, Tailwind CSS, Typescript , Docker, Stripe, Axios
- **Description**: Designed and implemented a robust subscription platform facilitating newsletter subscriptions using Django Rest Framework (DRF) for backend development and Next.js with TypeScript for the frontend. Integrated Stripe payment gateway to ensure secure and reliable payment processing for subscription management and newsletter delivery.

➢ Amazon Product Web Scraping Tool

- **Technologies**: Django, Python, BeautifulSoup4 ,Ninja API
- **Description**: Developed a Django project for web scraping Amazon product links using BeautifulSoup4. Users upload a CSV file containing product links, and the tool extracts essential product data, creating an Excel file for easy access and manipulation. Additionally, an API is created to provide access to the extracted product data for seamless integration with other applications.

➢ School Agenda Management

- **Technologies**: ASP.NET, C#, LINQ to SQL, Microsoft SQL Server
- **Description**: Developed a comprehensive school agenda management application using ASP.NET C# with LINQ to SQL, focused on streamlining exam scheduling for teachers and providing personalized dashboards for students.

➢ Tagos : Multi-Vendor E-commerce

- **Technologies**: Laravel, PHP, HTML, bootstrap, Blade , JavaScript ,JQuery , MySQL
- **Description**: Orchestrated the development of admin and seller panels, and crafted APIs to power the frontend of a dynamic multi-vendor e-commerce platform. Designed to accommodate various shop types including digital, fashion, sports, home & living, health & beauty, and more, Tagos provides a modern and flexible marketplace solution.

➢ Quizlie: A Kahoot Clone

- **Technologies**: PHP, Bootstrap, HTML, CSS, JavaScript, jQuery, MySQL, AJAX
- **Description**: Quizlie is a dynamic quiz application inspired by Kahoot, meticulously crafted to provide users with a seamless and engaging learning experience.

SKILLS

- **Programming Languages:** Python, JavaScript, Java, C++, C#, PHP
- **Frameworks:** Django, PHP Laravel, Node JS,ASP.NET ,PHP Codeigniter, React, Next, flask

- **Tools:** Docker, Jira, Ajax, JQuery, Redux
- **Database:** SQL, Database Design
- **Web Scraping:** BeautifulSoup4

- **Styling :** MUI ,Bootstrap, Tailwind, Tailwind-UI
- **Version Control:** Git, GitHub
- **API Development:** RESTful API
- **Problem-Solving**

CERTIFICATIONS

- Stanford University and DeepLearning.AI: Advanced Learning Algorithms
- Stanford University and DeepLearning.AI : Supervised Machine Learning Regression and Classification
- Meta: Programming with JavaScript
- CCNA: Switching, Routing, and Wireless Essentials