Nader Sayed Rabea

Backend Software Engineer

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Summary

Backend Software Engineer , have a computer science degree , passionate about learning new technologies enthusiastic about new challenges and eager to learn and teach .

Work Experience

Software Engineer Officer
Feb 2018 - Oct 2020

Egyptian Armed Forces

- Have spent there two years and a half working for the Information Systems Branch of the Second Field Egyptian Army , my role was a web developer , Ideveloped a lot of web based applications , also I developed desktop applications using C# programming language .
- Worked on developing a Voice Over IP **(VOIP)** System with a team of three developers , we used C# programming language, pjsip4net package API and FreePBX , my role was to handle the coming calls and within it detect any coming DTMF , so the user can go through a lot of routes based on the chosen DTMF, make some database operations and return back to the user with the response .

Highlighted Projects

Social Site
Nov 2020 - Dec 2020

Backend : python , django web frameworke (v.2.2)

Frontend : Html5 , css3 , java script , bootstrap

Description: Full social site where users can add groups or subreddits and let the others join their gr oup and even add his/her posts at them .

Item Catalog Application
Sept 2020 - Oct2020

Backend : python , django web frameworke (v.2.2)

Frontend : Html5 , css3 , java script , bootstrap

Description: Categorize the posted items based on different categories. List, search, create, edit and even delete any of them. And share the data with a RESTful service .

Django Blog
Aug 2020 - Aug 2020

Backend : python , django web frameworke (v.2.2)

Frontend : Html5 , css3 , java script , bootstrap

Description: It's a blog where users can post articles, edit or delete them. And also read other users' articles.

Video Inpainting (Graduation Project)
Oct 2016 - May 2017

Implementation in: Matlap , C#

Description: system to help users to remove dynamic or static object from incorrupt video and return new video with selected object with expect the correct background .

Education

Full Stack Web Developer Nanodegree
Udacity

Apr 2020 - Aug 2020

- Developing complex relational databases used to store applications' data, via PostgreSQL .
- Securing and Configuring Linux-Based Servers .
- Building complete web applications using Python, HTML, CSS, JavaScript, RESTful WebServices, REST API   and SQL, and Django as a web framework .

Bachelor Degree of Computers and Information Science
faculty of computer and information ,Ain Shams University,Cairo(Egypt)

Sept 2012 - May 2017

Field(s) of study: Computer Science (CS)

Job Related Skills

- Excellent experience in object-oriented programming (**OOP)** languages: Python, C# and Java Script

- Thorough knowledge of web development frameworks implementing Model View Control (**MVC**) architecture: **Django , Flask**

- Developed remote integration with third party platforms by using RESTful web services (**Django REST Framework)**

- Wrote Unit Test cases for testing tools

- Good knowledge on frontend frameworks like **CSS , Bootstrap , Angular**

- Experienced in development of applications especially in **UNIX** environment and familiar with all of its terminal commands (Ubuntu user since 2015)

- Highly talented in managing Relational Database Management Systems (**RDBMS)**:
  □ **PostgreSQL** ,MySQL, SQL Server, SQLite

- Deployment of the web application using **Linux cloud servers** like:
  □ **Heroku**, Amazon Lightsail, Digital Ocean

- Having a dood Knowledge in **AJAX , JSON**

- Having a good knowledge in **Agile Methodologies**

- Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment

Technologies

Programming Languages: Python ,Java Script , C#, C++ , Matlap
Application Architectures: MVC
Frameworks: Django , Django REST Framwork , Angular , Jquery ,Bootstrap
VSC: Git
servers: Heroku, Amazon Lightsail, Digital Ocean
Testing Procedure : Unit Test