Fatemeh Khaksar . Jarvis Consulting

At Payame Noor University, I finished my undergraduate degree in computer engineering in 2011. Since September 2011 to the present, I have been working as a computer support in an educational institution. I had the opportunity to deal with a variety of people during my professional career to support them in registering for training courses and also educate junior pupils, which enabled me to improve my communication skills.I've been in responsible for supporting the installation or upgrade of roughly 30 PCs as needed. Occasionally, creating some type of brochure for special occasions has helped me become familiar with Adobe Photoshop.

Skills

Proficient: RDBMS/SQL, Linux/Bash, Cloud Platform, Agile/Scrum, Git, Docker

Competent: Python, Business Accounting, Microsoft Office, Adobe Photoshop, Pycharm

Familiar: Django, Machine Learning, Wordpress, Html/Css, Designing

Jarvis Projects

Project source code: https://github.com/Jarvis-Consulting-Group/jarvis_data_eng-Fatemeh-khaksar

Monitoring Linux Clustering [GitHub]: I created a Linux cluster monitoring agent. Create a PostgreSQL database using docker to store persistent data. To gather hardware information and resource utilization for each computer in the cluster, I created bash scripts. I then automated the gathering of data on resource utilization using Crontab. deploying the MVP using Git and Docker and testing it with many queries on a single machine.

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: A common application programming interface (API) called Java Database Connectivity (JDBC) gives Java programs access to database management systems. Maven was what I used to manage packages and dependencies. After running the Docker container, the PostgreSQL database stores data in the database instance. I implemented a data access object(DAO) that CRUD on the object.
- Grep App: A software called Java Grep was created to search a file for lines that match a given pattern and then outputs those lines to a text file. The software receives a root directory, filters recursively through any subfolders and files, then outputs the results. read and written into files using BufferedReader, FileReader, BufferedWriter, and FileWriter. Maven was used to handling dependencies and build the application, which was then packaged with Docker and submitted to Docker Hub.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Simple University management: It was a final project of my Python training course.The project had a list of students,courses and teachers. Every student must choose how many classes they will take each semester, and every teacher may teach one or more courses. Teachers should then assign grades to each student. The average of the student grades was eventually calculated. The student, courses, and teacher tables were created using the SQ

Professional Experiences

Data Engineer, Jarvis (FEB 2023-present): Creating and testing a variety of apps using technologies including Java, Linux, and Docker. I had the chance to use the Agile process to communicate with team members. taking part in daily scrum meetings using Agile methodology.

Tutor, Volta Institution (Sep 2011-current): Teaching junior students the basics of Microsoft Office

Part-time Assistant, Payame Noor University (2009-2010): Preparing charts and diagrams to assist in problem analysis,Designing brochures and banners for the festivalsDesigning brochures and banners for the festivals,Supporting the university portal which includes managing to upload specific information on the portal, working with WordPress and HTML

Education

Payame Noor University (2006-2011), Bachelor Software Engineering, Computer Engineering - IELTS Academic 6.5 - Duolingo 110

Miscellaneous

- Adobe Photoshop, Khane Kargar Esfahan, April 2013
- Business Accounting, Khane Kargar Esfahan, June 2013
- Corel Draw, Khane Kargar Esfahan, November 2013
- Academic IELTS score 6.5 ,2021
- Python , Mehregan Institution,2022
- Machine learning, Mehregan Institution, 2022
- IELTS Academic 6.5
- Duolingo 110
- Volleyball player
- Oil painting, handcraft leather bags, Reading books
- Volunteer Moderator of English Language Club