Olena Hlotova . Jarvis Consulting

I am a forward-thinking Junior Software Developer with a Bachelor's degree in Biomedical Engineering. I have proven myself focused and diligent in managing workloads and prioritizing tasks to meet deadlines. Working at Jarvis, I participated in multiple technical projects like Linux Monitoring Agent, Java Grepp and Twitter apps in the past few years. Creating useful apps people can use makes me extremely happy. For example, I wrote a Telegram bot that helps users keep track of their fitness exercises daily. I am ready to make a direct impact, utilizing abilities in quality control and complex problem-solving to find the best solutions and achieve desirable results.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Pandas, NumPy, HTML/CSS, Docker, Keras

Familiar: Google Cloud Platform, TensorFlow 2.0, JavaScript, Flask, Machine Learning

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_OlenaHlotova

Cluster Monitor [GitHub]: Designed a Linux Cluster Monitoring Agent that can be used to record and monitor nodes/server hardware specifications and memory usage. Implemented the project on Linux CentOS 7 using a Docker container running PostgreSQL image. Created a database to keep and analyze the gathered information. Activated crontab to run a bash script every minute to collect the data and insert it into the database. Created SQL queries to detect possible host failures and average memory usage per host.

Core Java Apps [GitHub]:

- Grep App: Designed a Java app that imitates Linux 'grep' command. It allows the user to find matching strings in files (using regex) and saves matches in another file. The application was designed with Java 8, Lambda and Stream APIs, Apache Maven and was dockerized.
- Twitter App.
- JDBC App.

Highlighted Projects

Daily Exercises. Telegram Bot [GitHub]: Created a Telegram Bot that 'remembers' your exercise program selection and allows the user to change the days, sending you links to the exercises. The project was designed and implemented using Python and Telegram API.

Personal website [GitHub]: Designed a personal website from scratch that will showcase my non-academic projects. In addition, it includes a small JavaScript game (Rock-Paper-Scissors-Lizard-Spock) and a 'Contact Me' form. To build the website, I used HTML5/CSS3, JavaScript, Python and Flask.

Professional Experiences

Software Developer, Jarvis (2021-present): Designed and implemented multiple technical projects and applications using a wide range of technologies such as Java, RDBMS, Linux, Docker, Git. Managed a team of five using Agile scrum workflow approach during scrum meetings and sprints.

Medical Office Manage, Ace Physiotherapy (2017-2021): Managed network performance, as well as diagnosed and resolved complex network problems. Wrote policies, procedures and manuals governing internal IT use. Identified computer hardware and software issues, performing troubleshooting techniques for remediation. Demonstrated strong analytical, troubleshooting and problem-solving skills.

Education

National Technical University of Ukraine KPI (2011-2015), Bachelor of Applied Sciences, Biomedical Engineering - Scholarship

Centennial College (2015-2017), Advanced Diploma, Biomedical Engineering Technology

Miscellaneous

- Rice University Fundamentals of Computing Specialization (2021)
- Freecodecamp Responsive Web Design Certificate (2021)
- Secretary General of Model of United Nations