

Haifa Najdawi

Professional Summary

Computer Whiz and Top of the Class Software Developer familiar with wide range of programming utilities and languages. Knowledgeable of backend and frontend development. Enthusiastic Team player. Proven mentor, with a high attention to details and a track record of translating design ideas into technical applications.

Experience

Full stack developer at PwC (Dec/2021-Present)

Working as full stack developer, in both FE and BE. Actively working with Spring Boot backend API development, SQL Server data querying, React and TS for front end development. An active member of an agile development team. Participate in daily stand-ups and design sessions.

Projects:

UiPath to Power Automate Desktop (Jun 2023-Present)

Summary of the project: Conversion of current UiPath bots to Power Automate Desktop Actions.

The Task:

- Correcting PAD compiler problems.
- Map the UiPath to PAD Actions.
- Running the bot through its entirety for testing.
- Keeping track of our tasks using Azure DevOps boards.
- Participated in team meetings and offered thoughts and opinions.

Administration Portal (Dec 2021-March 2023)

Summary of the project: Add new clients, add new users with roles and able to edit the configurations in multi environments.

The task:

BE:

- Create multiple REST APIs using Spring Boot framework to retrieve and manipulate data from SQL server database, or internal API call.
- Create and modify database tables.

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LinkedIn:

<https://www.linkedin.com/in/haifa-najdawi-5b9a291b8/>

GitHub: <https://github.com/HaifaNajdawi>

Portfolio: <https://haifanajdawi.github.io/>

Skills and Tools

Languages

- Java
- Python
- Typescript
- JavaScript
- HTML
- CSS/SCSS

Technologies and frameworks

- Spring boot
- JPA
- Flask
- ReactJS
- Figma
- Git

Data

- Pandas
- NumPy
- Scikit-Learn
- SQL
- MongoDB
- Tableau
- VB and advanced Excel
- Matplotlib

- Wrote SQL scripts.
- Write Java entity mappers.
- Write service classes to add business logic.
- Writing UT using Junit 5 and Mockito for mocking.
- Test API calls on Postman.
- Write YML file for application configuration for multiple environments.
- Reviewed code, debugged problems and corrected issues.
- Contributed ideas and suggestions in team meetings.
- Deploy the service using Azure pipeline on the multi environments.

FE:

- Provided front-end website development using TypeScript.
- Planned website development, converting mockups design on Figma to usable web.
- Implement the API call to get the data and show it on the UI.
- Push the code and deploy it as well.

Tools/Languages: Java, Typescript, Figma, IntelliJ, Jira, Git and VS code.

Deployment: Microsoft Azure Pipeline.

Databases: SQL server.

Full Stack Developer at SkillStorm (Training)

(Sep 2021 – Dec 2021)

Intensive training to build full stack web applications using deferent programming languages.

The program gave us weekly technical exam, weekly technical interview, weekly technical presentation and three enterprise full stack Java Project.

Technical team member at Trilogy Education Service (Bootcamp)

(Oct 2020 – April 2021)

The boot camp gave us hands-on experience by creating many projects in different programming languages and frameworks, such as, Python, Java, API development, SQL, JavaScript, HTML, CSS, and cloud deployment and more.

In addition, we learned how to work as a team and how to use some collaborative tools such as git, GitHub, and slack.

Projects:

Machine Learning (ML) to Netflix tv shows & movies Remote.

(March 2021-April 2021)

[https://github.com/HaifaNajdawi/The_big_chill].

Summary of the project: Users can enter tv show or movie description to predict that description's rating & OMDb genre.

Deployment

- Microsoft Azure Pipeline
- AWS Cloud Services
- Heroku
- GitHub
- GitLab

Web and Mobile

- CSS/SCSS
- Mongo
- API
- Plotly.JS
- Leaflet.JS
- D3
- Flask

Education

University of Kansas - 2021

Lawrence, KS

Data Analytics, Data Visualization, and Machine Learning

University of Jordan - 2011

Amman, Jordan

Bachelor's degree in marketing

Technologies Used in Recent Projects

- Java
- Spring boot
- Typescript
- SQL server
- Microsoft Azure
- Figma

Please feel free to ask me about many other projects that I have been a part of.

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The task:

- Data visualizations & analysis using Matplotlib and seaborn.
- Machine Learning using Scikit-Learn and TensorFlow.
- API built in Flask app.
- AWS RDS set up to load our database.
- Using Heroku to deploy our application by creating Procfile and putting libraries in requirements text file.

Tools/Languages: Flask, Python, JavaScript, HTML, Jupyter notebook, Git and VS code.

Deployment: Heroku [<https://the-big-chill.herokuapp.com/>].

Databases: PostgreSQL and AWS RDS in the cloud.

Tourism statistical analysis Project (Jan 2021 – Feb 2021)

[https://github.com/ewatxc82/tourism_statistical_analysis]

Summary of the project: The main goal of this project is to plot and provide insight regarding publicly available tourism data in Europe. Our main areas of concentration include the number of arrivals documented and tourism specific revenue generated for each European country available in the dataset. We seek to better understand the economic impact of tourism in various European countries over our selected time, 1995-2019 and shed light on which countries generated the most tourist traffic and revenues.

The task:

- Using pandas to transform the data, clean it up by deleting columns we do not need and null values, then load these tables to PostgreSQL and join them into a mutual column.
- Then used flask as a web framework and developed two API's the first query is the arrival data from Postgres and was formatted in json format and is sent back in the response, the second one does the exact same thing, but for revenues data, Also, used flask to render the html pages and other static files like JS and CSS.
- Used Heroku for hosting the application and database. For the database Heroku provided a Postgres database and to load the data on this database took backup from the local Postgres database and restored it on Heroku's one. Also, hosted a flask app on Heroku by giving Heroku access to GitHub repo and required dependencies, put it in the requirements file and Heroku took care of all deployment processes.
- Use the Plotly library to create a choropleth map.

Tools/Languages: Flask, Python, pandas, JavaScript, HTML, Jupyter notebook, Git and VS code.

Deployment: Heroku [<https://europetourism.herokuapp.com/>].

Databases: PostgreSQL.

ETL Project (Nov 2020-Dec 2020)

[<https://github.com/travisstowell/ETLProject>]

Summary of the project: Main goal of this project is to Extract the data, then Transform data, finally Load it to the database.

The task:

Using pandas to transform the data, clean it up by deleting columns we do not need and null values, then load these tables to PostgreSQL and join them into a mutual column.

Tools/Languages: Python, pandas, Jupyter notebook and git.

Databases: PostgreSQL.

Criminal Weather Denver (Oct 2020)

[https://github.com/mnolker/Criminal_Weather_Denver]

Summary for the project: Our project focus does the weather have an impact on a crime. Find if there is a correlation in non-traffic crime in the city of Denver compared to various weather conditions (Average temperature, Wind speed, Cloud cover and Precipitation inches).

The task: Create account on worldweatheronline.com to pull data that need it for variant weather by city name using API for every day from 1/1/2016 to 8/31/2020, Create scatter plot and calculate r values, generate pivot tables for multiple weather condition then plot it using bar chart.

Tools/Languages: Python, Jupyter notebook and git.

Sales Representative at ESCO Zain Telecommunication

(Sep 2012-March 2014)

Sold prepaid and postpaid Internet and phone lines, collected payment from the customers. This job gives me many skills to be good at communicating with the customer, build trust with our service to earn their loyalty for the Company, working under pressure and being accurate when you are using money.