Aymeric CREUSOT

Back-end Developer / Data Engineer (Python)

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Experience

Data Engineer – Developer Back-end, Mobsuccess, AdTech (Paris)   **April 2021 - Present**

Implementation of data pipelines to extract, process and import daily large amount of data from different sources

- Development python scripts orchestrated with **MWAA** in order to store data from advertising platforms into a Datalake.
- Creation of ETL with AWS Athena queries and Python Script triggered with **MWAA** in order to create a data Warehouse.
- Database management with **AWS S3** using partitions in order to make each Airflow job idempotent and optimized for querying.

Deployment of python application in order to make easy access for internal data.

- Deployment internal python package on **AWS CodeArtifact** in order to interact with APIs from different advertising's platform (google-ads, Facebook Business, Waze Ads).
- Development and deployment a **REST Api** on **AWS lambda** with **Chalice** in order to retrieve data for a front-end web dashboard.

Full-Stack Developer, Canton-Consulting, Fintech (Paris)   **Sept 2019 – Sept 2020**

- Implementation and integration of a LDAP used as authentication on different projects. (Python, JS)
- Development new features on a web reporting Dashboard with python Flask and Dash
- Implementation of Shell scripts in order to perform Continuous Integration and Deployment of a Flask application

Full Stack Developer – Data Analyst, T&E Vision, Internship (Carrières-Sur-Seine)   **April 2019 – Aug 2020**

- Data Exploration and processing with Python (Pandas, Numpy, Plotly)
- Creation a Web Interface using HTML, CSS, JS with a User authentication in PHP.
- Deployment the application on a virtual machine on OVH. Handle domain name and server connection.

Education

CY-Tech (ex : Ecole Internationale des sciences de traitements de l'information)   **2015 - 2020**

Master of Science in applied mathematics engineering

French: Native, **English**: Profesionnal

Computer Science Skills

- **Programming Language:** Python, Shell, SQL, JavaScript, Solidity, HTML/CSS, C, PHP
- **Developer knowledge:** Version control (Git), REST API development, Testing and Debugging, Performance and Optimization, Collaborations Tools
- **Python Developer Knowledge**: Standard Library, Object-oriented programming, Package management, Data Manipulation, Web Development, Database management
- **Devops Development**: Infrastructure Automation, Automated Testing, Containerization and Orchestration, Continuous Integration and Deployment (CI/CD)