Patryk Choma

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Skills

Programming: Python, Javascript, Java, Go, SQL, git, terraform
Tech: Google Cloud Platform, Apigee, AWS, Jenkins, Jira

Experience

Advanced Software Engineer, NTT Data – Rome, IT   2022 – Present
- API Developer for Generali JenIoT

- Developed and implemented day-2-day features requests, unit and integration tests for the many python and nodejs google cloud functions within the project's serverless ecosystem.
- Developed Apigee proxies and coordinated a zero-downtime switch of service. Leading an effort to update current proxies to a state of the art design while complying with new security guidelines.
- Reduced tech debt and added functionality on key cloud functions responsible for producing insurance claim reports. Led a total refactoring effort for this key component.
- Reduced costs for massive car trips data queries. Identified and resolved cloud function concurrency issues.
- Optimized costs for google cloud functions deployment configurations. Analyzed costs of BigQuery queries.

VMWare Operation Engineer, Ericsson – Rome, IT   2021 – 2022

- Managed network configurations and troubleshooted issues within the VMWare cloud stack.
- Monitored performance, availability and latency on resources.

Freelance Developer – Rome, IT   2020 – 2021

- Designed and developed a system that interfaces with a Synology NAS through its API to handle file upload, user creation, notification and read receipt confirmation.
- Designed and developed an user friendly CRUD interface for modifying Excel files using Pandas.

Accountant and IT Support, Amministrazioni Martellucci – Rome, IT   2018 – 2021

- Managed, tracked and documented the accounting. Improved workflow with excel worksheets and python scripts.

Private Tutor – Rome, IT   2010 – 2020

- Assisted students with private Math and English lessons, making use of my fluency with the language and my math and science oriented background.

Education

La Sapienza – Bachelor's degree in Computer Science   2020

Soft Skills

- Easy to work with, always available to assist juniors.
- Think through problems logically, solution oriented.
- Hold personal accountability while evaluating issues that arise through a blameless approach.