



About Me

Hello! I'm Pierre Gonzalez. I am passionate about Data Science and more broadly telling stories with data. I am a skilled developer and love to learn new Technologies.

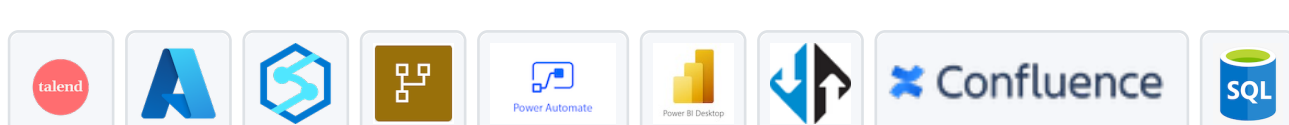
— From developing ETL to design dashboards, I can't wait to sublime your decisions making with the power of AI&ML.

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Favorite Book	Story Telling With Data <i>Cole Nussbaumer Knaflic</i>

Work Experience

Technical/Data/Business Analyst at Mirbaud (private banking)

March, 2022 - Present



In a core banking migration project, I developed the ETL workflow architecture while simultaneously creating a monitoring framework utilizing Azure and Power BI for comprehensive oversight. (click to expand)

Developed the data extraction process utilizing SQL queries within Talend.

Established the data mapping between source and target models, and led workshops with Subject Matter Experts to create a comprehensive Data Mapping Sheet (DMS, in csv/excel format).

Crafted the data transformation stage using DMS and Talend components, ensuring proper data combination, splitting, and transcoding to fit the target system's model.

Implemented the data loading phase employing Talend, GoAnywhere, and Azure Blob Storage.

Developed a monitoring report leveraging Power BI and SQL databases (including design and queries) to facilitate report generation.

Additionally, meticulously documented all mappings, queries, and technical specifications within Confluence.

BPMN Developer/Business Analyst at BCGE (retail banking)

October, 2020 - March, 2022



Employing Agile methodologies for a retail bank, I facilitated the digitization of banking workflows with Appway, encompassing Client Onboarding and Rental Guarantee processes. (click to expand)

Executed the definition phase with a focus on UX-workflow, collaborating with business stakeholders in rapid Agile sprints.

Developed comprehensive Appway workflows and integrated them with various REST services and databases.

Documented processes and workflows using Confluence for future reference and collaboration.

Managed Jira incidents related to BPMN workflows by investigating and resolving bugs.

Created a development application with Appway to improve code review, quality, debugging, and support for live workflows.

BPMN Developer/Support at UBP (private banking)

Jan, 2019 - October, 2020



Within a private banking context, I facilitated the digitization and maintenance of banking procedures using Appway for workflows such as Client Onboarding, Rental Guarantee, and Credit Request. (click to expand)

Served as the primary point of contact for Client Onboarding workflow management.

Addressed and resolved live bugs under pressure during active Client Onboarding processes with clients.

Developed an Appway application to significantly reduce SLA for support, incorporating statistical reports on issue tracking.

Developer INFRA at SmartWave

Mar, 2018 - December, 2018

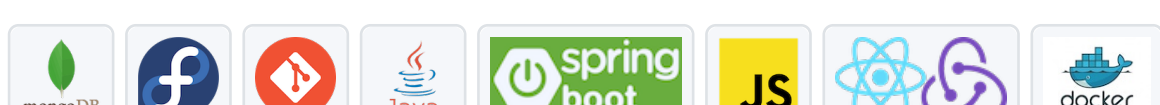


Successfully migrated from Oracle Service Bus to Axway, an API gateway solution.

Transitioned a repository from SVN to Git, utilizing Bitbucket as the hosting platform.

Front/Back End developer at MAIF

Sept, 2015 - Feb, 2018



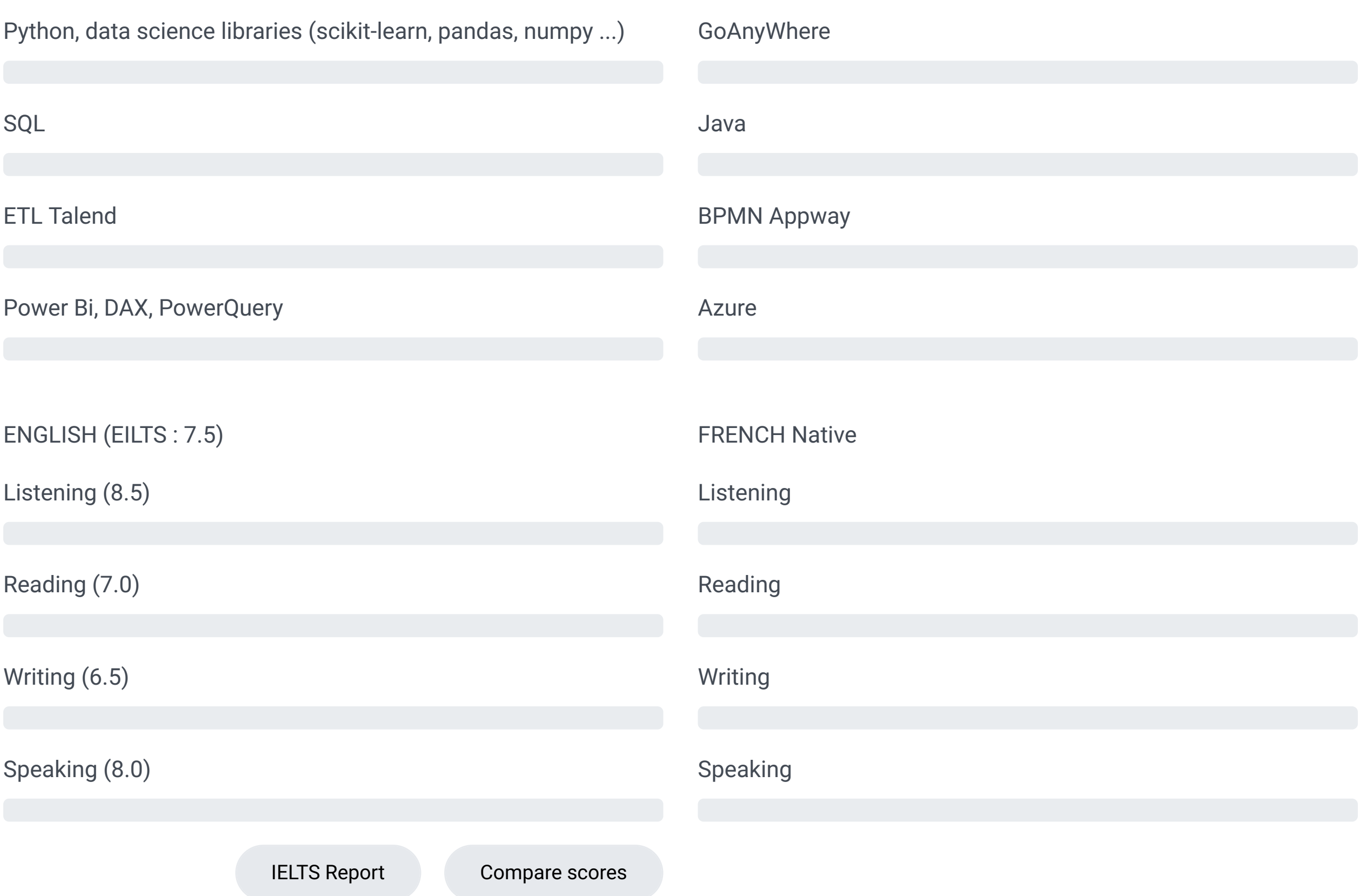
In a mobile-first housing insurance project featuring a ChatBot-like UX, I developed the front-end using ReactJS and the back-end leveraging Java microservices architecture (Spring Boot). (click to expand)

Created multiple proof-of-concept demonstrations to showcase technical capabilities to the UX team.

Developed an ecosystem of APIs (Java microservices) to support application workflows, such as existing client subscriptions, estimation requests, and client onboarding.

Employed technologies including Docker, Linux, MongoDB, and Git in the project, which was managed under Agile governance.

Professional Skills



Education

Ai&ML Prost graduate diploma (9 months) from Columbia Engineering

2020 - 2021

During this PGD I use intermediate Python skills, including functions and packages, to analyze various types of data. I applied fundamental statistics and probability concepts to analyze and solve problems using Python. I also used linear algebra, including Bayesian linear regressions, to create algorithms to analyse and predict data. And finally I applied machine learning models and methods to real-world situations.

[Syllabus](#)[Certificat](#)[CapStone](#)

SQL for data science Certificat (1 month) from UC Davis

2022 - 2022

I learned how to use SQL commands to filter, sort, and summarize data. Create an analysis table from multiple queries using the UNION operator. Manipulate strings, dates, & numeric data using functions to integrate data from different sources into fields with the correct format for analysis.

[Certificat](#)

AI for trading Certificat (6 months) from Udacity

2021 - 2022

I learned the basics of quantitative analysis, including data processing, trading signal generation, and portfolio management. Use Python to work with historical stock data, develop trading strategies, and construct a multi-factor model with optimization.

[Syllabus](#)[Certificat](#)

BPMN Appway training (Appway 9, 8 updates and 7) from Appway

2019, 2020, 2020

References



Jorge Martinez
Head of Software
Factory | Vice
President

I Worked with Jorge since
2022 in Geneva at Mirabaud
(private banking).

[in](#) Contact Jorge



Edward Maertens
Managing Director at
IBM Client Innovation
Center Switzerland

I Worked for Edward from
2019 to 2021 in Geneva at
IBM CIC.

[in](#) Contact Edward