FRANCISCO BARBEITO PRIETO

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PROFESSIONAL & PERSONAL SUMMARY

As a computer science engineer, I possess a strong and versatile technical background and a deep, broad understanding of the field. During my educational and professional experience I have acquired a deep knowledge of Cloud technologies and Architectures, complemented by strong programming skills and an understanding of algorithms and data structures, allowing me to solve complex problems and develop efficient solutions.

Through my freelance experience with BarbeitoS: Digital Glass, I improved my ability to interact effectively with clients, quickly identifying their main needs and understanding how to deliver precisely what they need.

This experience showcased my entrepreneurial mindset, versatility and comprehensive understanding of businesses, as well as my capacity to apply technical skills in a practical, creative and impactful way.

In addition to my work experience, I would consider myself as a strong communicator and a team player. I have always been able to work well with others and explain technical concepts in a clear and concise manner, bridging the gap between business and tech.

During my whole life I have been also developing a strong and consistent emotional intelligence and leadership skills, enhancing my teamwork capabilities and making me a valuable asset to any organization.

EDUCATION

IE UNIVERSITY: SCHOOL OF HUMAN SCIENCES AND TECHNOLOGY   **MADRID, SPAIN**
Master's in Computer Science and Business Technology   SEPT. 2022– JUL. 2023 (EXPECTED)

UNIVERSIDAD EUROPEA DE MADRID   **MADRID, SPAIN**
Bachelor's in Computer Science   SEPT. 2017– JUL. 2022

PROFESSIONAL EXPERIENCE

TELEFONICA (SECTOR, IT/TELCO)   **MADRID, SPAIN**
EndToEnd Delivery, Roadmap & Releases Team. Talentum Scholarship.   MAR. 2021 – MAR. 2022
- Managed CDN deployments and Cloud architectures, reducing latency and improving user experiences.
- Performed Canary deployments of newer versions worldwide.
- Regularly conducted KPI analysis for deployments, monitoring performance.
- Identified blocking errors and analyzed rollbacks' impact in the business.
- Scheduled product deliveries and roadmaps for South America OB's.

FREELANCE: BARBEITOS (SECTOR, IT/INDUSTRY)   **MADRID, SPAIN**
Professional Project - Cloud Native Solutions.   JAN. 2022 – AUG. 2022
- Designed and developed a Cloud Native Web App and its architecture, enhancing traceability and optimizing logistics processes for the automotive industry under client request.
- Conducted frequent client meetings to understand key needs, translating complex requirements into tangible actions.
- Worked under agile frameworks, delivering regular updates and modifications, as well as monitored and maintained the system post-deployment

TECHNICAL SKILLS

OOP | Python | Cloud Architectures & Technologies: GCP & AWS| Serverless Computing (Cloud Run) | Kubernetes | Docker | IOT Data Processing (MQTT) | Web App Development and Frameworks (Laravel, Django, Flask) | API Design and Implementation | Microservices Architectures | Database Architectures: SQL and NoSQL | NLP Processing (NLTK) | CI/CD (Skaffold, Jenkins) | Agile Methodologies (Scrum)

LANGUAGES

English (C1); **Spanish** (Native); **French** (Basic); **Galician** (Native)

MAJOR PROJECTS

- **BarbeitoS**: **Digital Glass**. Entrepreneurial project building a Cloud Native Web App on AppEngine where traceability and logistic industry processes were optimized under client request for the automotive industry, building also a Blockchain Network on Hyperledger.
- **Capstone Project**: Master's thesis along with Inversis Bank where we designed and implemented a transaction-signature component based on microservices and serverless architectures. Going from the transaction generation until the validation and storage, we covered every step on a financial transaction adding a user signature layer. Each transaction is then stored in a DLT.
- **Oldies**. AAL (Ambient Assisted Living) Project monitoring vital signs for advanced age people developed in Java.
- **IOT structure** analyzing CO_2 levels in real time, where an alarm triggers if CO_2 values raise above Covid 19 recommended levels. Based on Google Cloud Pub/Sub and Data Studio.
- **FMG Technologies**: Web App on Angular (front) & Laravel (back) predicting flight delays for Spanish airports.
- **Recommendation Systems** and machine learning powered application for fake news and news similitude.
- **H&M KPI's:** Web app deployed on AppEngine, and built with Flask and Streamlit, visualizing real time KPI's from H&M datasets.

OTHER INTERESTING INFORMATION

- Google Associate Cloud Engineer (Expected, July 2023).
- Volunteer for Club de Leones (Pontevedra, 2018).