



Job Description: Junior Cloud & On-premises Developer / Architect

HP is the world's leading personal systems and printing company. Our innovation springs from a team of individuals, each collaborating and contributing their own perspectives, knowledge, and experience to advance the way the world works.

We are interested in building up an ad-hoc Machine Learning (ML) Platform from scratch for HP Large Format Printing. A good ML Platform will support the ML lifecycle from data ingestion to model serving and monitoring, increase the productivity of data scientist and ML engineers, support a wide variety of ML software and frameworks, enable automated ML, and let the team scale more efficiently. The expected ML Platform should be implemented at both cloud level and on-premises with full interconnectivity to allow, on the one hand, flexible prototyping, and experimentation on-premises and, on the other hand, compatible deployment on the cloud.

Responsibilities:

- You will be a member of a cross-disciplinary team of engineers, data scientists and researchers.
- Understand the complete analytics chain.
- Deploy ML / DL solutions by incorporating the latest industry best practices and techniques.

Required Skills:

- BSc in computer science (software engineering), or related technical, math, or scientific field.
- Experience supporting AWS console and services such as AWS EC2 cloud environments, S3 buckets, AWS EKS (Kubernetes), and containerized application technologies (e.g., Docker).
- Proficient in various programming languages such as Python and C++ for building automation or integration with RESTful APIs.

Additional Skills (If Possible):

- Knowledge in coding Terraform templates.
- Experience in Github, DevOps or software engineering, and MLOps (e.g., data and model versioning, model monitoring and packaging).
- Knowledge in fundamentals, mechanisms, and administration of Linux operating systems.
- Passion for writing detailed solution specifications, diagrams, best practices / standards documentation, operating procedures, etc.

Contact: Jordina Torrents Barrena (e-mail: jordina.torrents.barrena@hp.com).