



01 March 2021

VACANCY: Software Engineer / Data Engineer

Praelexis is a Machine Learning startup based in Technopark, Stellenbosch. Our goal is to extract practical value from massive datasets. Consequently, we apply advanced machine learning algorithms to a variety of real-world industrial problems on a large scale. The position will initially involve consulting at one of our enterprise financial services customers.

We're currently looking for a skilled person with the following core skills:

- 3 to 5+ years of relevant industry experience.
- Expert knowledge of the software development life cycle(SDLC).
- Expert Python programming skills.
- Experience in designing, implementing and deploying ETL/data pipelines with Airflow/Luigi/PySpark etc.
- Experience in designing, implementing and deploying highly scalable RESTful APIs in production using frameworks such as Flask, FastAPI etc.
- Familiar with DevOps, CI/CD tools such as Jenkins, Travis, Pipelines etc.
- Experience working in a cloud environment with containerisation frameworks, tools and platforms (e.g. Docker, Kubernetes, Rancher, Helm etc.)
- Experience with data pipeline frameworks or solutions such as Databricks
- Experience in cloud environments such as Azure, AWS etc.
- Strong experience with SQL and/or NoSQL database.

Basic Qualifications:

- BScHons in Computer Science,
- BEng Electrical and Electronic Engineering (4yr), or

- Other relevant experience and qualifications.

Additionally, any of the following attributes would count in the applicant's favour:

- Experience in productionising machine learning models and workflows.
- Experience building data solutions using AWS cloud services: S3, EC2, EMR, Glue, Lambda etc.
- Experience with infrastructure as code tools such as Terraform, CloudFormation etc.
- Experience with development process such as agile and scrum

Interested applicants may send a full CV to vacancies@praelexis.com. Due to large volumes of CV's we can only correspond to shortlisted candidates. Should you not hear from us within 14 days, please consider your application unsuccessful.

Praelexis is an equal opportunity employer who reserves the right not to appoint someone.