



Python Engineer

Scope:

We are looking for Python Engineers of all levels (senior, mid level and junior) to join our fast growing, talented team.

To design and build innovative software solutions to assist our Clients and Users; improving customer experience, creating efficiencies, saving on costs and disrupting old industry practices. Architect and design solutions with fellow team members that will shape the definition, vision, design, roadmap and development of product features from beginning to end.

- Design, build, implement, test, deploy and maintain innovative software solutions to assist our business users, improve customer experience, transform service performance, durability, cost, and security
- Work with the team to help drive business decisions
- Use software engineering best practices to ensure a high standard of quality for all team deliverables
- Keep up to date with local and international technology trends
- Write high quality distributed system software
- Lead moderate to complex lifecycle development projects and tasks
- Participate in end-to-end product development lifecycle, e.g. design, build, code review, etc.
- Produce prototypes and effectively articulate design decisions
- Write clean code that is maintainable, scalable, and extensible
- Implement automated unit and integration testing
- Integrate APIs and web services
- Conduct requirements gathering, design, and hands-on development
- Work within an Agile software development environment, where you are always working on the most important stuff
- Apply creative thought processes to solve complex challenges at scale
- Operate as a resource to less experienced Python Engineers, providing an open learning environment for cross-team knowledge sharing.

Requirements:

- Completed Bachelor's degree in CS or related field
- Junior: 2-3 years, Mid level: 3-5 years and Senior: 5-8 years experience with Python as your primary language
- Quick learner – able to get up to speed quickly with our tech stack

Johannesburg

Golden Oak House
Ballyoaks Office Park
35 Ballyclare Drive
Bryanston

London

City Pavilion
Cannon Green
1st Floor
27 Bush Lane

Business Process Modelling Methods (Pty)Ltd

Registration Number: 2010/021805/07
VAT Number: 4300258698
Executive Directors: Alon Fowler, Thomas Fowler

- Keen learner – interested in learning and using new tools available
- Experience with Unit testing and mocking an advantage
- Experience with Linux an advantage
- Any open source contributions are an advantage
- Any certifications are an advantage
- Knowledge of the following technical concepts:
 - Python – both 2.7 and 3x. Expected to have a very good, very current understanding of Python, it's libraries and core concepts
 - Basic SQL
 - Familiar with Cloud Computing Concepts
 - Other programming languages are always an advantage
 - Experience in Apache Airflow is an advantage
 - Experience in GCP is an advantage

What we offer:

- Flat hierarchies, a great team and transparent communication
- Collaborative team structure
- Cloud computing – imagine unlimited computing power
- Cutting edge tech stack – Kubernetes, Docker, Rkt, apache beam, pyspark, traefik, BigQuery, BigTable, Cloud Spanner or whatever else is the best tool for the job to get done'
- Onsite training – You want to learn Go? Here's a course. You want to go back to varsity to learn Stats? Done.
- An attractive compensation
- Workplace in the heart of Bryanston
- Open bar
- Pinball, Foosball, mini golf and arcade games in the office
- Quiet rooms for really getting stuff done
- An opportunity to work on the bleeding edge of tech and cloud computing

More about DotModus:

DotModus has been a Google Partner since 2011 and are now a Google Cloud Premier Partner with a specialization in Data Analytics. Our belief and culture is that your workplace, and the people you work with, should both be amazing. Heck, you spend over a third of your time at work, it better be fun!

Work hard, Play hard.

At DotModus, you'll be working with some of the smartest people in South Africa, where you'll get to play and develop with some of the coolest tech and gear we can lay our hands on.

Data is what we do and we're loving it. Our products, projects and customers will expose you to some of the biggest and best datasets around and throw you into one of the biggest growing industries of today. We also build beautiful apps that are as much experiences as they are tools. We build for people, not robots.



Oh, we also drink beer on Friday, did we mention that?

See you soon. DotModus