

# Software Developer – Data Platform (D443)



Phone :

Web :

## Job Summary

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Vacancy :

Deadline : Oct 10, 2024

Published : Sep 10, 2024

Employment Status : Hybrid

Experience : Any

Salary :

Gender : Any

Career Level : Any

Qualification :

## Job Description

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Reporting to the Manager, Software development, you will be a member of a highly agile team tasked with developing new functionality, as well as maintaining and supporting the existing, publicly available product. This team builds and maintains a high-performance data analytics pipeline in Amazon Web Services. The ideal candidate must be self-directed and a fast learner, flexible enough to work on new technologies as well as legacy components.

### Responsibilities and Duties

- Work closely with our frontend teams to build value driven features for educators
- Building, deploying, and maintaining a data analytics pipeline in AWS
- Build reusable code and libraries for future use
- Optimization of the services for maximum speed and scalability
- Implementation of security and data protection
- Design and implement new functionality in our web services
- Apply test-driven development practices including writing and maintaining unit tests
- Work closely with our test team to ensure automated testing has appropriate coverage
- Evaluate and choose new technologies and libraries to incorporate into our products
- Participation in the full Agile software lifecycle
- Write and maintain technical documentation
- Resolve outages, field escalations, troubleshoot and fix technical bugs
- Run performance benchmarking tests
- Other duties as required

### Core Skills

- 5 or more years of programming experience based on a solid foundation in computer science, in particular data structures, concurrent programming, distributed services, databases, etc.
- Experience working with Python for interaction with AWS services and data analysis (e.g. boto3, numpy, pandas, PySpark)
- Experience with AWS serverless architectures, such as Lambda, API Gateway, SQS, SNS, Step Functions, and Glue (Apache Spark) founded on infrastructure as code principles (Terraform)
- Understanding test-driven development practices including writing and maintaining unit tests
- Experience with developing software using Agile software development
- Building and deploying applications to AWS
- Experience releasing software using a continuous deployment pipeline
- Ability to take initiative and propose solutions
- Enjoys working on a geographically distributed team
- Preferred experience developing/architecting highly available services
- Preferred experience working with data analytics in AWS, including Datalake, Lake Formation, Athena, AWS Redshift, Quicksight, etc)
- Preferred experience developing web services in Java
- Preferred degree in Computer Science, Computer Engineering or related field

For more information on who we are check us out at [smarttech](#) or view our [youtube](#) channel... or just apply.

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review: <https://home.smarttech.com/legal/privacy-policy>

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[APPLY](#)

**Education & Experience**

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**Must Have**

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**Educational Requirements**

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**Compensation & Other Benefits**

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