

Bobby Lindsey

DATA SCIENTIST · SOLUTIONS ARCHITECT

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Technical Skills

I know **Python** (fluent), **SQL** (fluent), **R** (proficient), and **Java** (proficient).

I'm also familiar with the **Hive** and **PySpark** stack and can even architect end-to-end data science solutions in **AWS**.

Lastly, I have solid skills around agile development practices like **test-drive development** and **continuous integration continuous deployment** and am familiar with developer tools like **git** and **docker**.

Certifications

- AWS Certified Machine Learning - Specialty
- AWS Certified Solutions Architect - Associate
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms
- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
- Convolutional Neural Networks in TensorFlow
- Natural Language Processing in TensorFlow

Experience

AI/ML Specialist Solutions Architect

AMAZON WEB SERVICES, INC.

2020 - Present

- Solving AI and ML problems for cloud computing customers
- Developing and deploying big data pipelines to leverage AWS infrastructure for machine learning

Solutions Architect

INNOVATION AND DIGITAL SERVICES, TECHNIPFMC, INC.

2019 - 2020

- Architected and implemented our Datalake 2.0 in AWS which resulted in increased compute power and speed of innovation, along with a significant decrease in cost
- Implemented agile development practices among the data science and app development teams
- Architected best practices around automated, source-controlled infrastructure deployment for research and deployment

Senior Data Scientist

DIGITAL SERVICES AND INNOVATION, TECHNIPFMC, INC.

2017 - 2020

- Reduced excess stock by creating inventory models which led to significant cost savings
- Provided actionable business insights by modeling problems and prioritizing presentation of data
- Increased developer productivity by exposing predictive models as APIs

Application Developer

ENTERPRISE APPLICATIONS, FMC TECHNOLOGIES, INC.

2012 - 2016

- Co-created InteServ, an app for servicing equipment with more than a thousand daily users across multiple countries
- Eliminated manual data entry by automating billing processes between multiple systems
- Decreased service time of products by building custom APIs to collect and process service data
- Reduced IT Service Desk workload by 10% by creating self-service web applications

Education

Tarleton State University

M.S. IN MATHEMATICS, DATA MINING

2018