

Christian Yarros

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EXPERIENCE

Cloud Data Engineer - Amazon Web Services, *New York NY* Jul 2020 - Present

- Enable AWS customers and partners to leverage their data to develop business insights. Develop solutions that leverage deep knowledge in the use of AWS Analytics and ML service offerings.
- Built a complete data streaming platform that enabled a client to perform real-time stream monitoring, analytics, and business reporting on over 20GB of log data daily.
- Created a fully-integrated and event-driven business intelligence governance solution using Okta and QuickSight. Enabled the client to maintain their existing identity management solution while automating the governance of QuickSight users, groups, and assets via Lambda and Okta API.
- Designed a database migration and storage solution that reduced client's monthly costs by 57%.
- Built automated data optimization tasks that dropped clients Athena query costs by over 90%.
- Created a deployable, bi-directional, cross-region data replication solution on S3 to meet client's high availability and disaster recovery requirements.
- Created a Smartsheet wrapper in Python to sync client's AWS Glue data catalog and Smartsheet.
- Developed an AWS Glue to Amazon Aurora data replication solution. Aurora database and Fargate task definitions created in AWS CDK, Docker container code created and maintained in ECR.
- Performed various data transformation jobs via SQL to vend raw data to published sources.

Cloud Developer - Amazon Web Services, *New York NY* Jan 2019 - Jul 2020

- Architect cloud-optimized customer applications. Work as a technical leader alongside customer business, development and infrastructure teams. Provide deep software development knowledge with respect to cloud architecture, design patterns and programming. Implement DevOps practices such as infrastructure as code, continuous integration and automated deployment.
- Created an entire cloud governance solution using open-source CloudCustodian ensuring the client's security and architecture standards were maintained across all AWS accounts. Contributed to open-source code enabling generation of CloudFormation templates to deploy policies.

Cloud Solutions Engineer - Oracle, *Reston VA* Jul 2017 - Jan 2019

- Selected to a team tasked with migrating customer's big data platform to Oracle Cloud. Developed package to automatically configure a customer's data science environment in Big Data Cloud.
- Built client-focused proof of concepts and industry solutions resulting in over \$820,000 of ARR.
- Recognized as FY2018 Oracle Cloud Solution Engineer of the Year by Senior VP of North America.

Full Stack Software Developer - Explorica, *Boston MA* Jul 2016 - May 2018

- Upgraded the entire invoice management process for the global product and finance divisions.
- Developed a sales reporting hub used by executives to monitor leads during the sales process.

EDUCATION

St. Lawrence University, *Canton NY* Graduated 2016

GPA: 3.65 / 4.00. Bachelor of Science with Honors in Computer Science, Minor in Mathematics
Four NCAA tournament appearances and three conference championships with Men's Soccer

CERTIFICATIONS

AWS Certified **Database - Specialty**
AWS Certified **Machine Learning - Specialty**
AWS Certified **Big Data - Specialty**
AWS Certified **SysOps Administrator - Associate**

AWS Certified **Developer - Associate**
AWS Certified **Solutions Architect - Associate**
AWS Certified **Cloud Practitioner**
Oracle **Big Data Cloud** Certification 2018

SKILLS

Languages: Python, HTML, CSS, Java, C#, JavaScript, Bash, R

Technologies: AWS Cloud, Docker, SQL, NoSQL, Presto, Spark, Hadoop, CloudFormation, AWS CDK

Concepts: Data Lakes, Streaming, Analytics, ETL Pipelines, Serverless, DB Migrations, DevOps, Security