

TECHNICAL ARCHITECT

PADI, the global leader in Underwater Exploration, is searching for a full-time **TECHNICAL ARCHITECT** to join our team. PADI offers its employees a unique culture centered around an active lifestyle, fun and hardworking colleagues, interesting work, competitive salary and outstanding benefits. We are an amazing company searching for amazing people to join our team!

Reporting to the Director, Enterprise Architecture & Integrations, the Technical Architect is a key member of the PADI Architecture team working collaboratively to create the architectural vision, supporting team members responsible for executing it and finding ways to best leverage or support PADI technologies in the API, Data and Analytics space. The goal is to ensure that the solutions delivered meet both business and technical objectives and are aligned with the long-term technology roadmap.

The Technical Architect is a leader who can effectively foster an environment of trust, collaboration, and high-performance. They should have a passion for learning how new technologies and patterns can deliver software to stake holders and our customers.

Technology We Use:

AWS Serverless Services Stack (S3, Athena, Lambda, SQS, SNS, Step Functions, Redshift, Glue, etc.), Python, SQL, Bitbucket/Github, MSSQL Server, Salesforce

Your Role:

- Set the technical architectural direction, long-term vision, and guiding principles for PADI Data and platforms; ensure that this vision is aligned with the PADI enterprise technology strategy
- Serve as a liaison to Analytics and engineering teams to guide them on data use and best practices
- Design and build out data models (relational, dimensional & NoSQL) and data integration pipelines
- Bridge the gap between business problems and technology solutions
- Develop software solution in the incubation phase
- Build software prototypes as necessary to validate architecture approaches and assess emerging technologies
- For projects with higher technical complexity or risk, act as a contributing member of the project team from project inception to completion
- Frame technical or architectural alternatives in business terms, clearly articulating both business and technical implications of various options
- Provide non-functional requirements according to which the solution is defined, managed, and delivered
- Learn and keep pace with the latest advances in the field; rapidly grasp new technologies to support the environment and contribute to project deliverables

- Manage technical debt and advocate with Product and Engineering to create and execute appropriate risk mitigation and debt-reduction strategies
- Serve as a cloud technology thought leader.
- Partner with architecture and engineering leaders to drive alignment on the right balance between consistency and flexibility in our cloud adoption approach.
- Provide support and own enterprise products and integrations (i.e. Salesforce, AWS Cognito, PADI Enterprise APIs, Sensing Entity Resolution, etc)
- Mentor, educate, and train colleagues as requested

Qualifications

Required Experience:

- 3+ years of experience with architecting and engineering AWS cloud-based Data solutions
- 7+ years of experience in Data Engineering for mid-size to large corporations
- Experience supporting and working with data platform
- Extensive Python/C# coding experience in application to data processing
- Excellent SQL skills
- Experience in data modeling (relational, dimensional & NoSQL)
- Experience in building data integration pipelines for transitional and analytical applications
- Experience with cloud-native data and parallel data processing architectures (Data Lake architectures, MPP database engines, serverless data processing pipelines, Spark, etc.)
- Experience consuming data from various sources (databases, file sources, REST services, SOAP services, web-scraping, etc.) and various formats (csv, tsv, json, xml, html, unstructured text, etc.) in Python or C#
- Execution of DevOps methodologies and Continuous Integration/Continuous Delivery (CI/CD)
- Experience with Agile (SCRUM, Kanban, etc.) or lean development and able to discuss workflows for different software development processes
- Attention to detail and results oriented, with a strong product and customer focus
- Strong analytical and problem-solving skills
- The ability to work in a team environment
- High level of comfort communicating effectively across internal and external organizations
- Excellent verbal and written communication skills with the ability to talk to technical and non-technical people, including executive management
- Great leadership, influence and mentoring skills

Founded in 1966, PADI has grown consistently through our 55 years in business, continually raising the bar for the industry we are all so passionate about. We know who we are as a company but never let that hold us back from reinventing ourselves and keeping our mission modern and relevant. One thing that stays consistent is our mission to be “The Way the World Learns to Dive”.

PADI has certified over 28 million divers during our history, an achievement no other scuba diving agency can claim. We are committed to our purpose to Seek Adventure—Save The Ocean.

PADI strives to create a work environment that respects individual contribution while maintaining a strong team approach for successful execution of business objectives. The executive team believes in a work-life balance that enables employees to meet their personal and family needs with flexible hours and a robust benefits plan.

If this job sounds interesting to you and you meet these requirements described above, we'd like to get to know you!

To learn more about our company visit us at www.padi.com

Applicants must possess the permanent right to work in the United States.

PADI/Seek Adventure Save the Ocean