Pythian
love your data ®

PYTHIAN SOLUTIONS FOR
AMAZON WEB SERVICES

Improving customer experiences — in particular delivering higher-quality software and services faster — is top of mind for all organizations. Cloud is a major disruptive force that changes the opportunities and economics of customer engagement, but seizing the benefits of emerging technology is a struggle for most businesses.

With Pythian and our solutions for Amazon Web Services (AWS), you can overcome those struggles. We help companies adopt the right technology strategy and plan, implement, and manage complex systems that deliver productivity and support innovation. We're committed to maximizing business outcomes for our clients by helping you create and sustain world-class software engineering and operations capabilities that are aligned with your priorities, customers, and ecosystem.

amazon web services | Partner Network
ADVANCED CONSULTING PARTNER
MIGRATION COMPETENCY

amazon web services | Partner Network
ADVANCED CONSULTING PARTNER
DEVOPS COMPETENCY

aws 50 CERTIFIED
AWS PARTNER NETWORK

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PYTHIAN SOLUTIONS FOR AWS

Our Amazon Web Services team members hold multiple AWS certifications with experience spanning the entire AWS ecosystem. With Pythian on your team, you'll have the industry's best talent working to help you develop and refine your strategy, adopt technologies, execute your roadmap, and optimize service quality on an ongoing basis.

CLOUD STRATEGY DEVELOPMENT

We apply our proven methodology to drive development of a cloud strategy suited to your engineering maturity level, business objectives, and use cases.

Services include:

- Strategy, roadmap, budget, and business case development
- Financial modeling
- Enterprise architecture
- Workload analysis, load and performance testing, and capacity planning
- Migration planning for servers, databases, applications, and platforms
- Product delivery pipeline design (from automated builds to continuous deployment)
- Security — controls; application, infrastructure, service, physical; strategy and design
- Compliance strategy and planning
- Governance and organizational strategy

CLOUD ADOPTION

We help you develop a phased-in cloud adoption approach based on your level of maturity, application portfolio, and business goals — ensuring your cloud transition is smooth and meets your objectives.

Services include:

- Prioritizing applications for transition by business impact, cost, and risk
- Driving necessary architecture and other product changes
- Implementing product delivery and deployment processes
- Migrating applications and their dependencies including infrastructure, platforms, databases, and data
- Orchestrating the full application lifecycle

CLOUD OPTIMIZATION

Our optimization solution ensures you get the most out of everything AWS has to offer by maximizing development velocity and minimizing the cost of operations. We help you continuously drive cost, performance, availability, efficiency, and security to higher levels.

Services include:

- Product development lifecycle automation
- Continuous operational health monitoring
- Optimizing cloud-enabled applications
- Managing Hadoop in the cloud
- Delivering continuous optimization
- Managing database-as-a-service environments

TRANSFORMATION SERVICES

Pythian Transformation Services for AWS help you integrate disruptive technologies, new tools, and best practices into your current and planned environment for rapid, ongoing innovation. Whether it's adopting continuous delivery, architecting your data models, pipelines, and infrastructure, or planning and implementing your cloud strategy, you can count on Pythian. Our teams possess the perfect mix of domain knowledge, technical expertise, and business experience to partner with you today.

OPERATIONAL EXCELLENCE SERVICES

Pythian Operational Excellence Services for AWS ensure your most complex, critical systems are highly secure, available, and optimized to meet the on-demand, real-time needs of your business and customers. We have worked with some of the world's most valuable IT systems using the best-trained, most experienced AWS professionals in the industry. Our flexible, transparent services give you access to the industry's top talent, mature methodologies, and best practices when and how you need them.

EXPERTISE

Deploying disruptive technologies can improve competitive advantage, reduce costs, and improve customer experiences. But keeping on top of emerging technologies and finding the people with the advanced and intimate technical knowledge is extremely challenging for most companies. That's where Pythian comes in.

Our experts can help you assess, implement, and continuously optimize AWS solutions in the following areas:

CLOUD

Whether you're already operating in the cloud or considering a move to the cloud, Pythian can help. Our cloud consultants have more than 200 years' combined experience building and managing high availability and extreme-scale systems and data environments. We have extensive experience migrating applications, platforms, and data to AWS and building new cloud services.

DATABASE

Ensuring your database systems operate at peak performance and scale smoothly is no small feat. Pythian offers database solutions and services optimized for on-premise, private cloud, and AWS-based environments. Pythian's expert DBAs can help alleviate skills shortages, improve response times, and increase performance and availability, while reducing operating costs and risk.

INFRASTRUCTURE MANAGEMENT

Pythian site reliability engineers excel at building and managing highly optimized systems and extreme scale cloud solutions that can quickly adapt to changing business conditions. Our extensive experience with advanced technologies and best practices help you deliver consistency, repeatability, and predictability.

BIG DATA

We've designed, implemented, and managed Hadoop production clusters on AWS for a wide range of clients. Our big data solutions and services team has extensive expertise with the complete range of AWS big data and data analytics services, including Amazon Kinesis, Amazon RedShift, Amazon S3, Amazon EC2, and Amazon EMR.

DEVOPS

Pythian DevOps transformation services team will evaluate your existing IT environment, create an agile application lifecycle, and manage the operational health of your applications and services. The result is remarkable operational excellence and availability at any scale, and the ability to quickly launch new services and capabilities that meet your business and customer needs.

ADVANCED ANALYTICS

Pythian's advanced analytics team works collaboratively with your team to understand your needs and create models that unlock the real value of your data. We deliver custom data science solutions tailored to your specific intelligence needs, data sets, and application environment.

CERTIFICATIONS AND AWARDS

- AWS Partner Network (APN) Advanced Consulting Partner – DevOps Competency
- AWS Business Accredited Professionals
- AWS Technical Accredited Professionals
- AWS Solutions Architect Certified
- Architecting on AWS Certifications – Associate Level

TECHNICAL EXPERTISE

We work with the entire AWS ecosystem including:

- AWS OpsWorks
- Amazon Virtual Private Cloud
- AWS CloudFormation
- AWS Route 53
- Amazon Aurora
- Amazon Elastic Compute Cloud
- AWS Elastic Load Balancing
- Amazon S3
- Amazon SimpleWorkflow
- Amazon Elastic Block Store
- AWS Elastic Beanstalk
- Amazon RedShift
- Amazon DynamoDB
- Amazon RDS
- Amazon Kinesis
- Amazon Data Pipeline
- Amazon Elastic MapReduce
- Amazon Simple Queue Service
- Amazon SNS
- Amazon RDS
- Amazon EC2 Container Services
- Amazon CloudFront
- Amazon Elastic Load Balancer
- Amazon AutoScaling
- Amazon CloudWatch
- Amazon ElastiCache
- And more...

THE PYTHIAN ADVANTAGE

CRITICAL SYSTEMS MANAGEMENT EXPERTISE.

We know what it takes for you to deliver billions in annual revenue from millions of happy customers on top of software that is created by thousands of developers and operated on top of nearly every type of infrastructure commonly found in the Internet space.

AWS EXPERIENCE AND INNOVATION.

We have extensive experience in the full suite of AWS services. Our top-calibre team includes AWS business and technical accredited professionals and certified AWS solutions architects.

APPLICATION LIFECYCLE SERVICES.

Pythian offers a full set of customizable application solutions and services, including architecture planning, design, implementation, migration, and operations.

SPECIALIZED TEAMS.

We match skilled specialists to your unique requirements, so you benefit from having experts on your team who are committed to your project and business objectives.

FLEXIBLE, LOW-RISK CONTRACTS.

You can increase, reduce, or cancel your contract with only 30 days' notice.

COMPLETE TRANSPARENCY.

Our up-to-the minute reporting and tracking tools let you see exactly where your time is being invested.

MULTIPLE ENGAGEMENT MODELS.

We will work with your in-house team or become your team for a specific project — either way you can choose a customized engagement model that best suits your skills and resources.

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Visit our blog www.pythian.com/blog | Contact us at +1-866-798-4426 or info@pythian.com

ABOUT PYTHIAN

Pythian specializes in designing, implementing, and managing systems that directly contribute to revenue and business success. As a global IT services company, we help companies adopt disruptive technologies to advance innovation and to increase agility. Our highly skilled technical teams work closely with our clients to deliver continuous transformation and uninterrupted operational excellence.

GLOBAL | Ottawa, Canada | New York City, USA | San Francisco, USA | London, England | Sydney, Australia | Hyderabad, India

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