

Model Rocket & NeuBird AI

Transforming Cloud Operations with Agentic AI

Model Rocket, an innovative custom technology solutions provider, powers everything from influencer blogging platforms to global e-commerce systems

As usage grew they faced significant operational headwinds. Engineers spent hours diagnosing issues across AWS services, delaying development work and undermining SLAs. With increasing stack complexity and mounting alerts from Amazon RDS, Amazon SQS, ElastiCache, Lambda and more, their team needed a scalable solution that would enable innovation.

Enter NeuBird AI

During recent load testing, Model Rocket's team discovered several critical APIs performing below expectations, threatening their ability to meet SLAs. When consulted about the performance issues, NeuBird immediately diagnosed the root cause that had eluded the engineering team: their Lambda functions were creating an excessive number of database connections. This precise diagnosis - which might have required extensive manual investigation - was delivered almost instantly.

Complex Resolution in Minutes

With NeuBird's insights, the team implemented targeted changes:

- Modified the connection pool parameters for their Lambda functions
- Adjusted database connection lifetime to optimize resource usage
- Immediately observed significant performance improvements across their affected services.

“Neubird performed root cause analysis instantly and recommended a solution that saved our engineers countless troubleshooting hours. This allowed us to improve our service performance & strengthen our SLA commitments to customers before deployment”

- Jon Thies, Co-founder & CTO



CUSTOMER IMPACT

92%

MTRR Reduction

24/7

Expert Monitoring

Enhanced

Development focus

Transforming Cloud Operations with Agentic AI

What sets NeuBird apart from traditional monitoring tools? It's not just about alerting or data collection - it's about bringing instant expertise and actionable intelligence to every incident. For Model Rocket, the transformation included:

- Automated root cause analysis across their AWS environment.
- Enhanced incident management without expanding their team.
- Consistent service reliability even during rapid development cycles.
- More time for engineers to focus on innovation - no more context-switching between development and operations.

NeuBird.ai and AWS: Better Together

Built on Amazon Bedrock and designed to operate within your AWS environment, NeuBird.ai transforms cloud operations with AI reasoning and AWS - native telemetry.

The result: *autonomous incident response at scale - faster smarter, more reliable.*

"Having an expert SRE working alongside our teams 24/7 has transformed how we operate. Critical issues that once took days to resolve are now handled in minutes. This has dramatically improved our team's efficiency and enabled us to consistently exceed our service level objectives.

- Jon Thies, Co-founder & CTO



Get Started today: neubird.ai/aws