



AHANA'S IT INFRASTRUCTURE  
SETUP ON AWS HELPS  
NOTABLE FINTECH STARTUP  
ACHIEVE 99.999% UPTIME AND  
ENHANCED SECURITY



The importance of securing IT infrastructure has become increasingly evident as organizations strive to protect their sensitive data and ensure seamless operations. With the growing reliance on cloud services, businesses face the challenge of safeguarding their environments while maintaining efficiency. Our client recognized this need and engaged Ahana to enhance their IT infrastructure on AWS. This case study explores the specific challenges the client encountered, the solutions implemented by Ahana, and the results achieved through this partnership.

## Client Profile

Our client is a notable FinTech startup that integrates automation and artificial intelligence into financial reporting and analytics. With AI at its core, their platform, they aim to provide finance professionals with 'Print-Ready Financials' in record time. This innovative solution represents the future of financial reporting by emphasizing efficiency and accuracy, allowing professionals to concentrate on strategic decision-making.

## Challenges

The client aimed to secure their existing IT infrastructure on AWS while also building a new, secure environment for production. Key challenges included the need to re-architect the existing setup to enhance security and ensure that their IT infrastructure adhered to industry standards. The client required a comprehensive strategy to not only protect their data but also improve operational efficiency, minimize downtime, and ensure seamless scalability.



## Ahana's Solution

Ahana worked closely with the client's team to enhance the security and efficiency of their AWS infrastructure. The implementation was divided into four key phases:

### Phase 1: Onboarding Existing AWS Account to Site 24/7 Monitoring

Ahana integrated the client's existing AWS account with Site 24/7 monitoring, ensuring round-the-clock oversight and proactive management of their infrastructure.

### Phase 2: Securing the Existing AWS Environment

We implemented security best practices to fortify the client's current AWS environment, aligning with industry standards and AWS security recommendations to strengthen overall security.

### Phase 3: New AWS Infrastructure Setup for Production

A new AWS infrastructure was built specifically for production, providing the client with a secure and reliable environment to support their operations.

### Phase 4: Reconfiguring Existing AWS Infrastructure for Development, Staging, and Demo Environments

The existing AWS infrastructure was reconfigured to support development, staging, and demo environments, enhancing operational flexibility and efficiency.

## The Impact

- **Security:** Security was enhanced by aligning the environment with AWS best practices and Ahana's expert recommendations.
- **Operational Efficiency:** A **90%** increase in efficiency was achieved, with the system maintaining **99.999%** uptime.
- **Monitoring:** Site 24/7 monitoring reduced infrastructure incidents and minimized manual oversight.



## **Conclusion**

Ahana's collaboration with the client has established a solid foundation for future growth and operational stability. By addressing the immediate need for security and efficiency, Ahana not only ensured business continuity but also enabled the client to scale their infrastructure as needed. The phased approach allowed the client to transition seamlessly into a more secure, reliable, and flexible AWS environment. As a result, the client is now positioned to handle future demands with confidence, having achieved a stronger security framework and improved infrastructure management without sacrificing uptime or operational performance.

## **About Ahana Systems and Solutions**

Ahana Systems & Solutions is a leading IT Infrastructure Management Services and Digital Transformation company based in Bengaluru, India. Our expertise extends to a wide range of solutions, including Cloud, RPA, DB & EDW, BI & Analytics, and Application Development. Our 100+ roster of clients relies on us for our deep domain expertise, skilled resource base, and proven partnership with the best technology providers.

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