

SUBASH SRINIVASAN

Ashburn, VA | 571.275.9236 | netajisubash@outlook.com | LinkedIn | US Citizen

Seasoned Program Manager with 15+ years of experience in managing large-scale, model initiatives within highly regulated environments. Proven leader in Agile transformations, cloud adoption, and AI/ML-based product delivery. Trusted advisor and change agent who builds cross-functional partnerships, ensures program delivery excellence, and aligns technology solutions with strategic business objectives.

CORE COMPETENCIES

AI/ML

Model Management
Model Regulation
AI ML DL MLOps
Python & SQL
Data Science
Feature Engineering

Product Management

Product Strategy
Prioritization & Road Mapping
Stakeholder Management
Market and Customer Insights
User Experience Focus
Business and Financial Acumen

Leadership

Vision & Mission Alignment
Delivery Excellence
People Development
Execution & Operation
Budgeting and Cost Control
Operational Excellence

EDUCATION & CERTIFICATIONS

- M.S. in Computer Information Systems - USA
- Certified Product Owner & Manager
- Certified Scrum Master
- PMP – Project Management Professional
- B.S. in Electronics & Communication Engineering – India
- AWS AI Practitioner
- AWS Certified SysOps Administrator
- ITIL Foundation Certified
- Python and Java certified.

EXPERIENCE

SINCE
JUNE 2022

PRODUCT AND PROGRAM MANAGEMENT

- Managed risk for Fannie Mae's \$477 billion multifamily loan portfolio using advanced algorithmic and template-based risk scoring models.
- Collaborated with the Model Risk Management team to conduct back-testing, evaluating new model code against historical data for robust validation.
- Coordinated with the Federal Housing Finance Agency (FHFA) to conduct sensitivity analyses by modifying key model parameters, demonstrating that the model performed as expected under varying conditions..
- Partnered with the Enterprise Risk Management team to reconcile model outputs with non-model platforms, ensuring accurate and consistent results for each model release.
- Instituted Agile practices and PI planning across product teams, improving release predictability and stakeholder visibility.
- Migrated applications from on-premises to AWS Cloud, leveraging native services such as Glue, Lambda, Step Functions, SNS/SQS, and CloudWatch to optimize performance and scalability.

2022 - 2018

INNOVATION AND PRODUCT MANAGEMENT

- Led automatic underwriting for Tier 4 multifamily loans with strong loan-to-value and debt service coverage ratios.
- Developed an Automated Valuation Model (AVM) using XGBoost (AI/ML), enabling automatic calculation of multifamily property values within an Agile framework.
- Designed a sponsor prediction system leveraging n-gram and cosine similarity models to rank and recommend appropriate sponsor names for user selection.
- Built an algorithm-based model to suggest new loan terms to borrowers based on their previously selected loan parameters, enhancing borrower experience and decision-making
- Facilitated the team's transition to Agile by leading all SAFe Agile ceremonies, including daily stand-ups, backlog grooming, continuous improvement (retrospectives), and backlog management.

2008-2017

PRODUCTION AND OPERATIONS SENIOR MANAGER

- Managed three vertical teams (Daily Operations, Infrastructure, and Desk-to-Desk) overseeing Fannie Mae's tier-0 flagship application, Desktop Underwriter — a critical single-family underwriting platform on AWS receiving 300K–600K daily hits. Ensured high availability and operational excellence through blue-green deployments.
- Directed the migration of legacy on-premises systems to AWS Cloud using Agile methodologies and DevOps best practices, enhancing scalability and deployment flexibility.
- Monitored and analyzed system KPIs and performance metrics, recommending continuous improvements in tools, processes, and operational strategies to align with business goals.
- Built and structured cross-functional operations teams, defining key responsibilities and leading execution across incident, problem, and change management areas.
- Established and managed Service Level Agreements (SLAs) with multiple internal and external stakeholders to ensure service quality, accountability, and risk mitigation.
- Cloud Transformation: Delivered cloud-native architecture on AWS, enabling seamless disaster recovery, dynamic scaling, and automated deployments.
- Agile Transformation: Transitioned traditional teams into Agile frameworks; facilitated scrum adoption, drove PI planning, and led backlog refinement to ensure iterative and timely delivery.
- Production Operations Leadership: Oversaw daily operations of a Tier 0 application critical to business continuity, implementing comprehensive alerting and monitoring to maintain system resilience and uptime.

2004-2008

PROJECT MANGEMENT, MIDDLEWARE SOLUTIONS

- Directed quarterly enterprise-wide maintenance programs by coordinating cross-functional teams to plan, execute, and deploy critical upgrades across all Fannie Mae environments, ensuring on-time delivery and minimal operational disruption.
- Served as the subject matter expert on enterprise web and application systems, providing strategic guidance on IT infrastructure and emerging technology trends to influence long-term program direction.
- Led the planning and execution of enterprise disaster recovery exercises, aligning with business continuity goals and proactively identifying system gaps and risks.
- Managed the successful deployment of organization-wide J2EE application patches and upgrades, balancing technical requirements with business continuity needs.
- Drove SOX-compliant upgrade initiatives independently, including stakeholder communications, impact analysis, capacity planning, and executive-level presentations to secure alignment and resources.
- Defined long-term strategy for the application platform team, aligning future-state architecture and process improvements with enterprise business goals.
- Consistently supported large-scale software rollouts, ensuring proper documentation, governance, and change control processes across the SDLC.

2001-2004

SR. DEVELOPER

- Led client integration initiatives for Fannie Mae's messaging infrastructure, overseeing end-to-end onboarding of major partners, including JPMorgan Chase and Countrywide, ensuring seamless data exchange and downstream processing alignment.
- Directed the automation of trigger monitors within the enterprise messaging environment, significantly optimizing performance, and reducing operational costs.
- Pioneered the integration of Mainframe Unix System Services with MQSeries and Java, helping the organization adopt modern, scalable architecture to support cross-platform interoperability.
- Oversaw installation and configuration of X-Server/X-Windows in Unix environments to enable enterprise-grade communication with the CICS Transaction Gateway.
- Managed and scaled multiple queue managers and aliases, ensuring high-throughput messaging workflows and fault tolerance across environments.
- Designed and delivered a Java/JMS-based enterprise application enabling secure, automated transmission of variable datasets between mainframe systems and external client environments via MQ Servers.
- Collaborated with cross-enterprise teams to define technical requirements and ensure enterprise messaging programs met business objectives and compliance standards.