**Manikanta Yadlapalli**

**Work Summary**

* Product Owner with 8+ years’ experience specializing in cloud product management and development, spanning, demonstrated ability to deliver innovative cloud-based products with a customer-first mindset, ensuring adaptability and resilience to meet evolving user needs.
* Highly proficient in collaborating with cross-functional teams, including Product Management, Cloud Tech Leads, Architects, and delivery teams, to prioritize features and enhancements aligned with business objectives.
* Skilled in leveraging the full capabilities of cloud providers such as AWS, Azure, and GCP to define technical requirements and optimize product performance.
* Experienced in Agile methodologies, adept at driving alignment and efficiency within global processes to streamline product development cycles.
* Proficient in designing, developing, and maintaining RESTful APIs to facilitate seamless communication and integration between software systems.
* Experienced in implementing API security measures to protect against unauthorized access and mitigate potential security risks.
* Proficient in architecting and designing microservices-based applications to promote scalability, flexibility, and maintainability.
* Proficient in monitoring and analyzing the performance of microservices to optimize resource utilization and improve overall system efficiency.
* Dedicated to professional development, committed to staying abreast of industry trends and acquiring new skills to enhance performance and drive innovation.

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* Proven track record of applying analytics tools to monitor key metrics and provide actionable insights, driving optimization and continuous improvement.
* Dedicated to the voice of the customer throughout the product development lifecycle, ensuring their needs and feedback shape decision-making processes.
* Proficient in conducting competitive analysis to identify market trends and emerging technologies, guiding strategic decision-making, and fostering innovation.
* Effective communicator and collaborator, able to facilitate discussions, workshops, and meetings with internal teams and stakeholders.
* Experienced in developing go-to-market strategies in collaboration with marketing and sales teams, driving user adoption and revenue growth.
* Leveraged proficiency in cloud infrastructure and micro services architecture to fine-tune the performance and scalability of the cloud product, ensuring a seamless user experience.
* Experienced in implementing AWS best practices and architectures, leveraging automation tools like Cloud Formation and AWS CLI to streamline deployment and management processes.
* Skilled in fostering close collaboration with customer support and success teams to gather feedback and insights, informing product enhancements and updates.
* Expertise in cloud infrastructure and micro services architecture, adept at optimizing performance and scalability to deliver a seamless user experience.
* Proficient in developing and maintaining documentation, ensuring clarity and consistency for stakeholders, including technical specifications and user guides.
* Subject matter expert on cloud product management and development, capable of sharing insights and best practices with internal teams and stakeholders.
* Results-oriented professional, with a track record of driving commercial outcomes and contributing to company growth and success.

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**Work Experience**

**Truist financial, Charlotte, NC**

**Sr. Cloud Product Owner Sep 2020 – Present**

* Spearheaded the development and launch of a cloud-based product, focusing on scalability and reliability to meet the demands of the growing user base.
* Collaborated with the Product Management team to prioritize features and enhancements for the cloud product roadmap, aligning with business objectives.
* Worked directly with the Cloud Tech Lead and Architects to define technical requirements and ensure the product leveraged the full capabilities of the chosen cloud provider.
* Led with delivery teams to coordinate priorities, approaches, and delivery strategies, fostering alignment, and driving efficient product development cycles.
* Manage and optimize AWS resources to ensure cost-effectiveness, performance, and scalability of cloud infrastructure.
* Implement and maintain AWS security best practices, including IAM policies, encryption, and access control, to protect sensitive data and resources.
* Design, develop, and maintain RESTful APIs to enable communication between different software systems and facilitate seamless integration of applications.
* Define API specifications and documentation, including endpoints, request and response formats, authentication methods, and error handling, to ensure clarity and ease of use for developers.
* Implement API security measures such as API keys, and rate limiting to protect against unauthorized access and mitigate potential security risks.
* Ensure fault tolerance and resilience in microservices architecture by implementing retry mechanisms, circuit breakers, and distributed tracing to handle failures gracefully and maintain system stability.
* Monitor and analyze the performance of microservices using tools like Prometheus, identifying bottlenecks, and optimizing resource utilization to improve overall system efficiency and reliability.
* Configure and deploy AWS services such as EC2 instances, S3 buckets, RDS databases, and Lambda functions to support various application workloads.
* Monitor AWS environments using CloudWatch and CloudTrail, proactively identifying and resolving issues to maintain high availability and reliability.
* Design and implement Azure solutions using services like Azure Virtual Machines, Azure Storage, Azure SQL Database, and Azure Functions to meet business requirements.
* Configure Azure networking components such as Virtual **Networks, VPN gateways, and Azure ExpressRoute for secure and efficient communication between cloud resources and on-premises environments.**
* Monitor and troubleshoot **GCP resources using Google Cloud Monitoring and Google Cloud Logging**, identifying performance bottlenecks and security incidents to ensure operational excellence and compliance.
* Managed and optimize AWS cloud services to ensure scalability, reliability, and security of cloud-based products.
* Design, deploy, and manage Azure services and resources to support cloud-based applications and solutions.
* Implement Azure infrastructure as code (IaC) using tools like Azure Resource Manager (ARM) templates or Azure CLI to automate deployment and configuration processes.
* Configure and maintain AWS infrastructure, including virtual private clouds (VPCs), security groups, and IAM policies, to meet specific project requirements.
* Monitor AWS resources and services using tools like CloudWatch and CloudTrail, proactively identifying and resolving performance issues or security vulnerabilities.
* Involved in deploying and managing cloud-native applications and services on the Google Cloud Platform (GCP) infrastructure.
* Monitor API performance and usage metrics using analytics tools like Google Analytics or Apigee, identifying trends and optimizing resource allocation to enhance reliability and scalability.
* Collaborate with cross-functional teams including developers, product managers, and stakeholders to gather requirements, prioritize features, and deliver APIs that meet business needs and user expectations.
* Architect, design, and develop microservices-based applications using principles such as loose coupling, high cohesion, and domain-driven design to promote scalability, flexibility, and maintainability.
* Decompose monolithic applications into smaller, independently deployable microservices, identifying service boundaries and defining clear interfaces to enable seamless integration and communication.
* Implement service discovery and orchestration mechanisms, such as Kubernetes, Docker Swarm, or Netflix Eureka, to automate deployment, scaling, and management of microservices in a distributed environment.
* Collaborate with external partners or third-party developers to provide access to APIs, facilitating integration with external systems and fostering ecosystem growth.
* Ensure API backward compatibility and versioning strategies to minimize disruptions for existing consumers while introducing new features and enhancements.
* Implement API governance processes, including API lifecycle management, version control, and deprecation policies, to maintain consistency and manage changes effectively.
* Defined and enforce service-level agreements (SLAs) and quality of service (QoS) metrics for microservices, ensuring performance, availability, and reliability meet business requirements.
* Collaborate with DevOps teams to automate deployment pipelines and CI/CD processes for microservices, enabling rapid and reliable delivery of new features and updates.
* Utilize GCP services such as Compute Engine, Cloud Storage, BigQuery, and Cloud Pub/Sub to build scalable and resilient cloud solutions.
* Applied analytics tools to monitor key metrics and performance indicators, providing actionable insights to stakeholders and identifying opportunities for optimization.
* Actively participated in Agile methodologies training to align with global processes, enhancing collaboration and efficiency within the cloud environment.
* Conducted regular reviews and retrospectives with teams to evaluate progress, identify challenges, and implement continuous improvements in product development workflows.
* Worked with marketing and teams to develop go-to-market strategies for new product features, driving user adoption and revenue growth.
* Worked closely with support and success teams to gather feedback and insights from end-users, informing product enhancements and updates.
* Utilized expertise in cloud infrastructure and micro services architecture to optimize the performance and scalability of the cloud product, ensuring a seamless user experience.
* Provided technical guidance and support to development teams, facilitating the implementation of best practices and efficient coding standards.
* Developed and maintained documentation for the cloud product, including technical specifications, user guides, and release notes, ensuring clarity and consistency for stakeholders.
* Conducted regular competitive analysis to identify market trends and emerging technologies relevant to the cloud product, informing strategic decision-making and innovation efforts.
* Participated in client and workshops to gather requirements, provide updates on product development progress, and address any concerns or challenges.
* Led cross-functional teams in sprint planning sessions, backlog grooming, and sprint reviews, fostering collaboration and accountability in Agile development processes.
* Acted as a subject matter expert on cloud product management and development, sharing insights and best practices with internal teams and stakeholders.

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**First Data, Atlanta, GA**

**Product Owner Dec 2017 – Aug 2020**

* Worked on the development and introduction of a cutting-edge cloud-based product, emphasizing adaptability and resilience to accommodate the expanding user base.
* Worked with the Product Management team to discern and prioritize features and advancements for the cloud product roadmap, in harmony with business objectives.
* Implement **Azure security controls, including Azure Active Directory, role-based access control (RBAC), and Azure Key Vault,** to protect data and resources from unauthorized access and cyber threats.
* Monitor **Azure resources and applications using Azure Monitor and Azure Security Center, analyzing** performance metrics and security alerts to ensure compliance and mitigate risks.
* Architect and deploy cloud-native applications on **Google Cloud Platform using services like Google Compute Engine, Google Cloud Storage, Google Kubernetes Engine (GKE)**, and Cloud Functions.
* Configure **GCP networking features such as Virtual Private Cloud (VPC), Cloud Load Balancing, and Cloud CDN to optimize performance, reliability, and security** of cloud environments.
* Implement **GCP security controls, including Identity and Access Management (IAM), encryption at rest and in transit, and data loss prevention (DLP), to protect sensitive data** and comply with regulatory requirements.
* Worked in tandem with the Cloud **Tech Lead and Architects to delineate technical** prerequisites and guarantee the product harnessed the complete capabilities of the chosen cloud provider.
* Collaborated discussions with delivery teams to synchronize priorities, methodologies, and delivery strategies, nurturing alignment and propelling effective product development cycles.
* Developed analytical tools to monitor pivotal metrics and performance indicators, offering actionable insights to stakeholders and identifying avenues for optimization.
* Implemented AWS best practices and architectures to leverage services such as **EC2, S3, RDS, and DynamoDB** for efficient and cost-effective solutions.
* Configured and maintained Azure virtual networks, storage accounts, and **Azure Active Directory (AD)** to ensure secure and efficient access to cloud resources.
* Implemented networking solutions on **GCP, including Virtual Private Cloud (VPC), Cloud Load Balancing, and Cloud CDN,** to ensure high availability and performance.
* Implemented security best practices on **GCP, including IAM** rules and permissions, encryption at rest and in transit, and resource-level access controls, to protect sensitive data and resources.
* Monitored **Azure** workloads and applications using **Azure Monitor, Application Insights, and Azure Securit**y Center to detect and respond to performance issues, anomalies, and security threats.
* Advocated for the perspective of customers throughout the entire product development lifecycle, ensuring their preferences and feedback remained pivotal in decision-making processes.
* Conducted engaged in **Agile methodologies** training to synchronize with global processes, augmenting collaboration, and efficiency within the cloud environment.
* Facilitated routine reviews and retrospectives with teams to evaluate progress, pinpoint challenges, and instigate ongoing enhancements in product development workflows.
* Provided adept technical guidance and support to development teams, facilitating the adoption of best practices and efficient coding standards.
* Developed and upheld documentation for the cloud product, encompassing technical specifications, user guides, and release notes, ensuring clarity and consistency for stakeholders.
* Conducted systematic competitive analysis to discern market trends and emerging technologies pertinent to the cloud product, guiding strategic decision-making and innovation endeavors.
* Participated actively in client meetings and workshops to glean requirements, furnish updates on product development progress, and tackle any concerns or challenges promptly and effectively.

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**Lowe's, Mooresville, NC**

**Business Analyst Aug 2015 – Nov 2019**

* Requirement Gathering Requirement Elicitation & Documentation: Analyze business needs v/s current process.
* Worked on mapping of business processes & identifying improvement areas in existing process "to-be" business process flows using UML (use cases/ activity diagram).
* Managed data migration and integration efforts, ensuring accurate and timely data flow between Workday and external systems.
* Assisted in evaluating and implementing Workday updates and releases, staying current with the latest features and functionalities to drive innovation and maintain system relevance.
* Collaborate with the Product Owner to create and refine user stories and acceptance criteria in PI Planning.
* Strong knowledge of SDLC in Agile process in managing defects, enhance, user's stories, sprints and released.
* Actively participated in Scrum ceremonies and utilized JIRA for task management, maintaining effective communication and tracking progress.
* Skilled in collecting, analyzing, and optimizing supply chain data to identify cost-saving opportunities and improve logistics management.
* Implemented data integration solutions, merging data from multiple sources into unified database structures using SQL techniques.
* Collaboratively established and executed communications plans and organizational change management strategies.