Sumedh Phadke

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Agile Engineer, passionate about driving efficiency and fostering a culture of collaboration by streamlining the delivery pipeline, implementing robust feedback mechanisms, and optimizing processes for rapid, reliable, and automated software deployments.

WORK EXPERIENCE

Linedata, Mumbai — (9 yrs)

Lead Specialist
January 2023 - PRESENT

- Championed the adoption of DevOps culture, establishing standards and best practices for other product teams to emulate.
- Developed reusable Terraform modules, reducing infrastructure code size tenfold, and simplifying maintenance, promotion, and debugging of production environments.
- Conducted proof-of-concept projects to evaluate and select the most appropriate observability platform from among Grafana, New Relic, and Observe Inc.
- Prototyped configuration management tools (Chef, Ansible, and Powershell DSC) to streamline deployments, reduce SRE team workload, and ensure automated, reliable, and resilient deployments.
- Developed and delivered a tailored AWS deployment of Linedata's products for sales and product teams to showcase to potential clients, including leading U.S. insurance companies and asset managers. The deployment comprised EC2 instances, App Stream, RDS resources, and load balancers.
- Established a production services monitoring and alerting system utilizing Elastic Heartbeat and Observe Inc., ensuring real-time visibility and proactive incident response.
- Provided mentorship and guidance to team members during cloud migration projects, fostering their skills and knowledge.

Senior Technology Specialist
January 2022 - December 2022

- Migrated Linedata's veteran Portfolio and Order Management System (OMS) into the cloud saving $500K per year. These savings eventually will be passed on to about a hundred clients. The migration also makes the products scalable, and agile allowing data sovereignty.
- Assisted in the implementation of ESG into Linedata's OMS

SKILLS

CI/CD, Jenkins, Team City, Harness, Git, TFS,

AWS, Terraform, Azure DevOps,

Powershell, Chef, Ansible ObserveInc,

C#, .Net Core, Entity Framework (Core),

SQL /SQL Server,

Python, Pandas, Numpy,

MFC, WPF, WCF, Web API, C++,

DDD, MicroServices, Docker, Kubernetes

Agile, Scrum.

EDUCATION

Sardar Patel Institute of Technology, Mumbai

— B.E. Comp. Science
July 2015

Noteworthy courses:

- Human-Computer Interaction
- Soft Computing

LANGUAGES

English, Marathi, Hindi,

product with expertise in data loads, data management, market data integrations and security master.

- Enhanced Linedata's FIX gateway solution to work on the Cloud by making it highly available, and adding observability features.

Technology Specialist
January 2020 - December 2021

- Integrated Linedata's Data Management Service (DMS) with their OMS by building a data adapter, allowing the service to be leveraged by Linedata's OMS clients.
- As a principal developer, designed, developed and implemented the data adapter with C#8, .NET Core, and EF Core.
- Implemented CQRS, Event Sourcing, Domain-Driven Design (DDD), and microservices design principles while enhancing the DMS and product integrations.
- Mentored new team members, guiding them through the learning curve, ensuring best practices, and keeping development aligned with Agile Scrum principles.

Senior Software Developer
February 2018 - December 2020

- Customized Linedata's flagship products to meet client-specific requests, helping them maximise the value they can extract from Linedata's products.
- Built new features for Linedata's OMS, Compliance and reporting tools. Built with C#, C++, VB, and SQL using WPF, WCP, .NET, and MFC Frameworks, recognizing patterns in workflows across verticals, sticking to canonical coding standards, and troubleshooting giant monolithic architectures.

Software Developer
June 2015 - January 2018

- Developed a comprehensive suite of applications for a billion-dollar asset management house, including a go-to website, billing application, rebalancing engine, and reporting system.
- Collaborated with clients to analyze requirements and create essential reports using SSRS, Python, Java, and other tools, integrating with Bloomberg, Reuters, and APX services. Saved operating costs by using in-house reporting.
- Built a pluggable Access Control and Authorization solution for intranet web applications, enhancing security and simplifying audit processes.

Deutsch (learning)

Other Courses & Interests

Seth Godin's AltMBA, Online
September 2021 - October 2021

Digital Product Management (Specialization at Coursera)

Agile Scrum Master & Product Owner

AWS Cloud Solutions Architect

David Perell's Write of Passage

PROJECTS

Blockchain Reconciliation (POC) – *2018*

Attempted to replicate 3-way accounting, eliminating the lengthy EOD reconciliation. Based on the Ethereum blockchain the purpose of this project was to demonstrate a distributed ledger could be more efficient for the reconciliation of trades.

Stock Market Prediction – *2015*

Attempted to predict with Stock Market (NSE) using Neural Networks & Classification Algos, taking fixed parameters for inputs. The future goal of the project is to make an application that will be able to predict the rise or fall in the price of a stock.