PRAJEESH PRATHAP

System & Platform Operations | Cloud Expert

www.prajeeshprathap.com

+31(0) 641782687
prajeesh.prathap@gmail.com
Delphipad 8, 6846 RD, Arnhem
Netherlands

PROFESSIONAL SKILLS

Azure, Cloud-Native architecture
AKS, Azure functions, APIM, Kubernetes
Azure DevOps, Helm, Octopus Deploy
DDD, BDD, CQRS, Event Sourcing
Azure queues, Event Grid, Kafka
Microservices, Serverless computing
Specification By Example, SpecFlow
.NET Core, ASP.NET, C#, CosmosDB
PowerShell, EFK, ELK, Prometheus

EDUCATION

Master In Computer Applications
Bachelor Of Science

PROFILE

Total 13 years of experience in IT industry as a Cloud Solution Architect, Continuous Delivery Consultant, Speaker, Blogger and Author.

Extensive, real-world experience in assessing technical landscape for cloud adoption by grouping and prioritizing applications landscape and defining solution architecture with a focus on cloud technologies on Microsoft Azure.

Hands-on, technical evangelist focused on building web scale, cloud-native applications with special interest in event-driven, distributed architectures, Microservices and serverless computing.

Strategic thinker and process expertise in software development methodologies such as Scrum, Continuous Delivery, Continuous Integration, DevOps etc.

A regular speaker at numerous technology conferences, authored courses on Reactive Microservices in .NET Core, Continuous Delivery with VSTS & PowerShell DSC published by Packt.

WORK EXPERIENCE

Manager System & Platform Operations – HumanTotalCare (June 2020)

Strategy and management for the platform and infrastructure at IT&Care. Sub-teams include: compute platforms (public cloud, platform orchestration tools and platform services), Storage (object storage, time series, cloud and databases, Software Development Lifecycle, Services Engineering, CI/ CD as well as all product management for these areas. Oversight for the Reliability Engineering and Infrastructure organization.

Cloud Solution Architect – Info Support (July 2016 –May 2020)

Designed and developed large scale applications and innovation projects aligning the customer on the modernizing business landscape. Worked closely with Azure specialists, CNCF partners to land and coordinate the plans, strategies and design to successfully help our customers to build their application modernization and software strategy on Azure. Delivered excellent results by leveraging best practices, innovative tools, thought technology leadership and giving guidance during the application migration and development phases.

DevOps consultant – Prowareness (Aug 2010 - July 2016)

Worked as an active driver for Continuous Integration and Continuous Delivery based application development. Designed, proposed and facilitated organizational and process improvements as needed for supporting automation and DevOps. Lead the cloud orchestration leveraging Infrastructure as code practices to provide self-servicing capabilities to IT teams in order to transform application delivery for cloud in an agile fashion.

Technical Lead – Mphasis (Aug 2005 - Aug 2010)

Worked in a team of more than 500 developers for a Tax and Accounting software in US and an onsite coordinator for the development team in India. Involved in developing projects for clients like Microsoft, CCH and Tyco Electronics etc.

PROJECTS

Manager System & Platform Operations - HumanTotalCare

Handling technology transformation architecture work for the health management system at HCC, accelerating container adoption and bridging the gap between Dev, Ops and Security teams.

Technologies
VMWare Tanzu, Azure, Azure DevOps, Helm, ASP.NET Core, RabbitMQ, Elastic, FluentD, Kibana, Kubernetes, Docker, SpecFlow, Prometheus, Grafana, Kibana

Cloud Solution Architect (Azure Migration)- Translink (Dutch Railways)

Jan 2018 – May 2020

Performed application assessments to design the transformation & cloud journey leveraging Azure IaaS and PaaS. Worked on the application modernization roadmap and strategy. Initially started with a lift and shift approach to move the on-premise customer transaction data application to cloud, making use of Express Route to extend on-premises networks into the Microsoft cloud over a private connection.

Designed and planned long-term platform adoption by identifying Azure native projects like Event Grids, Azure Functions, Logic apps, Sentinel etc.

Technologies

Azure IAAS, Security Center, Azure Monitoring, Azure Sentinel, Azure DevOps, Express Route, Azure Compute, Azure message queues, Logic Apps, Azure functions, Security center, APIM, Azure firewall, NSG etc.

Technical Architect (Microservices & Kubernetes) - Vanderlande

June 2017 – Dec 2017

Designed and implemented the change of application stack from legacy environments to new cloud native architectures and optimize for distributed, cloud-based deployments. The new architecture was based on application modernization focus that can move away from monolithic legacy application environments. leveraging technology stacks that facilitate this like Kubernetes, Docker etc.

Worked with multiple teams migrate current applications to cloud-native platform. Designed and developed reactive microservices in .NET Core allowing business to deliver new products, functions and features more quickly. Solving complexities in distributed transactions by designing around them with techniques like event sourcing, CQRS, stream processing and embracing eventual consistency.

Technologies

Azure Kubernetes Services, Azure Container Instances, Azure DevOps, Helm, ASP.NET Core, EventFlow, DDD, Apache Kafka, Elastic, FluentD, Kibana, Kubernetes, Docker, Atlassian Bamboo, JFrog, CQRS, Event sourcing, SpecFlow

Continuous Delivery Consultant – Belastingdienst (Dutch Tax Office)

July 2016 – Mar 2017

As a continuous delivery consultant, I was part of the system team responsible for development and implementation of the deployment pipeline for the components of the surcharges system. I was responsible for the development and architecture of the infrastructure automation API, used by teams to create and update virtual machines and environments for deploying their applications from an automated release pipeline in TFS. Constantly working on improving the delivery strategies of the development teams using Microsoft's Visual Studio ALM tools and leverage the power of these tools to make developers, testers and analysts work efficiently together

Technologies

ASP.NET Core, Azure DevOps, Azure, Orleans, PowerShell DSC, Service Management Automation, Chocolatey, TFS, Pester

Continuous Delivery Consultant – PGGM (Dutch Pensions)

As a CD consultant, I was part of the team responsible for implementing Continuous Delivery to help the organization become as lean, agile and innovative as startups. Through reliable, low-risk releases, Continuous Delivery made it possible to continuously adapt software in line with user feedback, shifts in the market and changes to business strategy. Practices like DevOps were adopted where test, support, development and operations work together as one delivery team to automate and streamline the build, test and release process

Technologies

PowerShell, Azure, Chef, Chocolatey, NuGet, TFS, MSBuild, Microsoft test manager, SpecFlow, Selenium, CodedUI, MSTest, Release management, XLDeploy, DSC, Virtualization, AngularJS, Application insights, NServiceBus etc

.NET Technical Lead – IBL Software

Created web interfaces for the tool in ASP.NET MVC, document sharing and management using SharePoint and integration with other services and applications using WCF services

Technologies

ASP.NET MVC, DevExpress ORM, Oracle, SharePoint 2010, WIF, JQuery, CSS, HTML, WCF, Moq

.NET Technical Lead – Vixion

Vixion is a software development company specialized in creating software for financial organizations. Main customers are major insurance, banking and internet payment service providers. Vixion mainly develop solutions to cut cost on administrative processes and very flexible calculation engines

Technologies

ASP.NET MVC, JQuery, Linq, Moq

.NET Technical Lead & Onsite Co-ordinator – Wolters Kluwer

One of the biggest software ever built, ProSystemfx® is award-winning tax compliance and preparation software from CCH. ProSystemfx® easily handles all types of federal and state returns, offers extensive electronic filing services, and helps increase Firms' productivity. ProSystemfx® is one of the biggest software developed. The project was implemented in .NET 3.5 using technologies like CAB, SCSF, WCF, WSSF, WPF, Rhino Mocks, Moq, Infragistics Net Advantage for WPF, Project White.

Technologies

WPF, WCF, Infragistics, Rhino Mocks, Entity Framework, TFS 2010, Linq.

.NET Developer - Microsoft

SellKeys is a licensing distribution, sales and order management system that manages the distribution and sales reporting of Microsoft product activation Keys for certain Microsoft products. The implementation technology stack consists of ASP.NET 3.5, SQL Server, C# 3.0, LINQ to Objects, WIX and SCOM

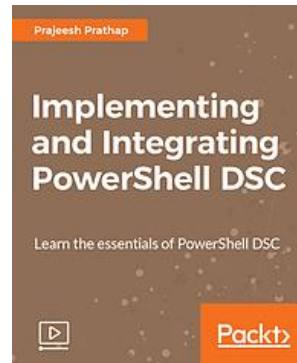## .NET Developer – Tyco Electronics

A .NET application that allows to identify contract manufacturers and to allocate all or a portion of direct-to-CM sales to OEMs at a sold-to level, with the ability to drill down to the product families, GPL's, part numbers or customer's part numbers on the orders and enter allocations at these lower levels of detail and make allocated sales available for reporting and analysis

PUBLICATIONS

Hands-On Reactive Microservices in .NET Core

Prajeesh Prathap

Deploy, manage, and effortlessly monitor microservice-based applications

Continuous Delivery with Visual Studio Team Services

Prajeesh Prathap

Build, deploy, and manage .NET core applications using VSTS ALM

Implementing and Integrating PowerShell DSC

Prajeesh Prathap

Learn the essentials of PowerShell DSC

Getting Started with PowerShell DSC

Prajeesh Prathap

Utilize PowerShell DSC to automate functioning of your servers

LANGUAGES

English, Dutch (Basic), Hindi, Malayalam