

KAMAL BATHAM

DevOps & Azure
Cloud Engineer

Contact

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Skills

Azure DevOps



Microsoft Azure



Terraform, ARM



Microsoft .Net, .Net Core



Jenkins, CI/CD



Docker and Kubernetes



A Microsoft certified DevOps and Azure Cloud Engineer having 14 years of progressive experience in IT. Specialized in designing and developing DevOps infrastructure & system to manage all aspects of integration & deployment process, speeding up the quality of software delivery along with designing the cost-saving system for business growth. Contributing to projects analysis, design, build, development, and implementation of cost-effective, high-quality technology solutions.

TECHNICAL SKILLS

- Azure DevOps
- Docker, Kubernetes
- Jenkins CI/CD
- Azure Cloud
- Microservices, REST
- MS SQL, PL/SQL, ETL
- Terraform, ARM
- Asp.Net Core, C#, MVC
- Bootstrap, CSS, HTML,

HIGHLIGHTS

- Experienced in setting up and configure a new [DevOps environment](#) (on-premise and Cloud), to automate the integration & deployment process, speed up the quality of software delivery.
- Hands-on experience with [Microsoft Azure](#) (Azure SQL, Storage, Web Apps, Web jobs, Functions, Application Insight, Logic Apps, and other SAAS components), serverless programming and implementing cloud services architecture to meet operational objectives of cloud solutions.
- Orchestrate and deploy the applications in the form of container into Kubernetes cluster.
- [Terraform](#) programming & development to configuration and automate the process of building, changing and managing the infrastructure.
- 14 years of progressive experience in Design, Build and Modify new and existing business components, Web applications, and database objects using Microsoft platform technologies.
- Strong in developing applications using [ASP.NET Core](#), [C#](#), [MVC Core](#), [REST](#), [Web API](#), [Web Services](#), [SSIS](#), [Bootstrap](#), [HTML](#), [AJAX](#), [jQuery](#).
- Recognized for creativity and resourcefulness at building robust solutions for changing business needs that exceeds sales, revenue and profit goals.
- Experience with [REST API/ Web API](#) creation, consumption, integration using Service Oriented Architecture.
- Good understanding and experience in implementing the [CI/CD](#) practices using tools like [Jenkins & Azure DevOps](#).
- Good exposure to Documentation like [HLD](#) (High Level Design), [DTD](#) (Detail Technical design), Interface specification documentation.

Certifications:



Learnings

- Agile Way of Working Foundation
- OpenShift to orchestrate Docker and Kubernetes
- Terraform for automate the IoC
- Developing Solutions for Microsoft Azure
- Problem solving and Decision making for Business
- BigData and Hadoop Ecosystems_Foundation

Certifications- Please Click on hyperlink to validate the certificates

- [DevOps Engineer Expert](#)
- [Microsoft Azure Solutions Architect Expert](#)
- [Azure Developer Associate](#)
- [Designing and Implementing DevOps Solutions](#)
- [Microsoft Azure Architect Design](#)
- [Microsoft Azure Architect Technologies](#)

Work History

2017-09-
Present

DevOps & Azure Cloud Engineer

YORKSHIRE BUILDING SOCIETY, BRADFORD, YORKSHIRE

- Newly setup and configured [DevOps infrastructure](#) on-premise server to speed up and automate the integration & deployment process.
- Configured the [Azure DevOps Build Pipeline](#) to automate the build process when code pushed into centralized source control and publish the artifacts.
- Defined and introduced [Azure DevOps Release Pipeline](#) to automate the release process into QA, Staging (Pre-prod) and Production environment. Setup [Approvals](#) and [Gates](#) into each stage of release process.
- Orchestrate and deploy the applications in the form of container into Kubernetes cluster.
- [Terraform](#) programming & development to configuration and automate the process of building, changing, and managing the infrastructure.
- Developed and managed a plan to transition the company from an outdated mortgage application to a modern and responsive system, which decreased the number of manual interventions from 30% to less than 5%.
- Configure [Hybrid model](#) of Microsoft [Azure](#) (Utilizing Azure Storage, Web Apps, Web jobs, Functions, Logic App, and other SAAS components), and implemented cloud services architecture to meet operational objectives for cloud solutions.
- Developed application and responsive [Web API](#) using .Net [MVC Core](#), [C#](#), [REST](#), [jQuery](#), and [Entity](#) to perform CRUD operations which are being referred across various engagements.

Accomplishments

- 5 Times PRIDE Award in Nationwide Building Society.
- 2 times On the Spot Award in YBS.
- 2 Times Service & Commitment Award
- 1 time Start of the Month Award.

Languages

English



Very Good

Hindi



Excellent

- Configured [Jenkins](#) to automate the integration and deployment process for other application, incorporate CI/CD based application release methodology.
- Introduced Agile methodologies and effective development best practices to division to enhance product development

2016-07 -

2017-08

Technical Lead

BANK of MONTREAL CANADA

- Developed a Rich Internet application web site with [MVC 6](#), [C#](#), and [Entity](#) to perform CRUD operations.
- Designed and developed a set of new [RESTFUL](#) web services to create/edit/manage customer and bank users, create/edit/manage groups and approvals using Spring MVC.
- Code review and ensure to follow Microsoft standard coding guidelines and provided technical/process guidance to developers, sharing the application and functional knowledge with new team members.
- Collaborated on all stages of systems development lifecycle, from requirement gathering to production releases.
- Performed software testing using [NUnit](#), [Mock Testing](#) and uncover bugs and troubleshoot issues prior to application launch.
- Writing Business logic and database stored proc and maintaining database as per requirements.

2012-11 -

2016-06

Senior Software Engineer

NATIONWIDE BUILDING SOCIETY, SWINDON, WILTSHIRE

- Design and developed a workflow system to automate the investment of Personal Equity Plans (Stocks and Shares ISA) and Tax-Exempt Special Savings Accounts (Cash ISA) using [Asp.Net](#), [C#](#), [Opentext BPM](#), [Javascript](#).
- Developed Modular UI components using [.Net](#) and [BPM](#) for multiple engagements in Banking & Financial Services domain.
- Build an [ETL](#) platform architecture, write [SSIS](#) packages for Extract transform and load data from one system to another system.
- Tested troubleshooting methods devised innovative solutions, performed software testing using [NUnit](#), [Mock Testing](#) and documented resolutions for inclusion in knowledge base for support team use.

- Reviewed code and worked with development teams to correct problems, run test scenarios and prepare for deployment.

2011-09 -

Software Engineer

2012-10

COUNTY OF ORANGE, USA

- Design and develop application using [Microsoft.Net](#), [C#](#) and [jQuery](#).
- Involved in Requirement gathering, Development, Deployment and Implementation of both Web and Business Logics.
- Prepared the Functional & Technical design and developed the interfaces to external systems.
- Developed the web services for searching the data from the database based on the input from the application for the Resources module.
- Developed the component that reads the data from web services on the launch of application, save the data in device database, checks for the updates and reloads the device database with the new data.
- Wrote unit test cases for the code components delivered using [NUnit](#), [Mock Testing](#) and created STUB to complete entire testing.

2010-01 -

Software Engineer

2011-08

Southwest Airlines Corporation. USA

- [ASP NET 3.5](#), [C#](#), [WPF](#), [WCF](#), [LINQ](#), [SQL Server 2005](#).
- Project planning, estimation (WBS) and Knowledge gathering from client and onsite team.
- Implement technical solutions to refine architecture and for improving the performance of the application.
- Developed the web services for searching the data from the database based on the input from the application for the Resources module.
- Writing database stored proc and maintaining database as per requirements.
- Implementation classes and coding for business logic.
- Involved in Code reviews and refining codes to improve performance.
- Performed Root Cause Analysis for the defects and presented

reports to the management.

Education

2004-07	Mater of Computer Application (MCA)
2001-04	Bachelor of Science (B.Sc)

Employment Details

Present Employer	Tata Consultancy Services
Working Status	Permanent
Notice Period	3 Months

Personal Details

Date of Birth	16-08-1981
Nationality	Indian
Marital Status	Married
Location	Bradford, United Kingdom
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