

TATA CONSULTANCY SERVICES

Name: Binay Kumar

Role: Cloud Analyst & Architect

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, Phone: +91 9830527052

CAREER PROFILE

| Dates | Organization |
|----------------------|---------------------------------|
| 07/2010 till present | Tata Consultancy Services (TCS) |

EXPERIENCE SUMMARY

I am an associate with Tata Consultancy Services with a total of 11 years 8 months of work experience. My main areas of experience have been DevOps and Build Automation that include Continuous Integration and Continuous Deployment. Mainly working on cloud Platform Azure and Azure DevOps. Also playing role of Platform Engineer. I have worked primarily in Retail and Insurance domains.

Seeking a challenging career in Cloud Provision, Application Migration and DevOps Profile that utilizes my experience completely.

TCS PROPRIETARY EXPERTISE

▪ TCS Master Craft Application Lifecycle Manager :

TCS Master Craft DevPlus is a scalable, Agile and DevOps product, that helps teams tailor their workflow to track and manage Scrum, Kanban or any other Agile framework, perform continuous testing, and automate release management.

Build the right product by ensuring transparency and alignment across all levels of the enterprise

▪ TCS Testify Tool:

Handle test case development, execution and defect management lifecycle, based on given requirements

GENERAL TECHNOLOGICAL EXPERTISE

Below is a list of important hardware, software products, tools and methods that I have worked with.

| Hardware | Technology | Software Products | Tools |
|----------|------------|-------------------|-------|
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| Windows Server , Linux OS, RHEL | <ul style="list-style-type: none"> • Java, • Maven, • Jenkins, • .NET, • Kubernetes. • PowerShell. • Shell Scripting, • SONAR | <ul style="list-style-type: none"> • GitHub, • Azure DevOps • Docker, • Helm, • Azure Kubernetes Service, • Azure container Registry • Terraform | <ul style="list-style-type: none"> • Visual Studio, • Spring Cloud, • Microsoft Azure • GitHub Actions |
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ACADEMIC QUALIFICATIONS

| Degree and Date | University Name (As per Convocation) | Major and Specialization |
|---|---------------------------------------|--|
| Bachelor Of Computer Application | Birla Institute of Technology | Computer Application |
| Master Of computer Application | Birla Institute of Technology | Computer Science, Information Technology |

TRAINING / CONTINUING EDUCATION SUMMARY / CERTIFICATIONS

| Program or Course | Coverage | Dates |
|--|----------|-----------|
| Microsoft Azure Fundamental AZ 900 | 2 Year | Feb 2021 |
| Microsoft Azure Administrator Associate AZ 104 | 2 Year | July 2021 |
| Amazon Web Services | 1Year | May 2014 |

LIST OF CAREER AWARDS

- TCS Excellence Award (2012, and 2014)
- TCS Embark Training (2021)

PROJECT PROFILE:

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|-------------------------|---|
| Project | Manulife Insurance |
| Client | BFSI |
| Period | 11/2021 - till Present |
| Role | Cloud Platform Engineer and Technical Architect |
| Responsibilities | <p>Key Responsibilities:</p> <ul style="list-style-type: none"> • Working as a Platform Lead in this Migration Project also Playing role of Technical Architect. • Worked Azure Kubernetes Cluster Setup and Integration with various tools and Provisioning Infrastructure components, • On Cloud Kubernetes Cluster Set up using Terraform Scripts which can be run using the Jenkins Jobs. Also Setting up cluster networking, Ingress as required. • On AKS setting up the Istio Service Mesh using the Virtual Service and Ingress Gateways. . • Setting up HA F5 GTM and Multi Ingress components for High Availability. • Ingress Rules and Path based routing setup for multiple services. • Attending daily meetings with App owner and stakeholders. • Setting up GitOps (Flux) system for Infrastructure automation using GitHub repositories. • Working on Vulnerability fix after security scanning by a network and security team, |
| Description | It is Pilot Project to test the Cloud hosted Kubernetes Cluster and Migration of Some Existing application. |
| Tool | Azure Kubernetes Services, Terraform, GitOps , Jenkins, GitHub Actions, Istio |
| Languages | YAML, Shell, Power shell |
| Work Location | Kolkata, India |

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|-------------------------|---|
| Project | TATA Digital (Tata NEU) |
| Client | Tata Digital |
| Period | 02/2020 to 04/2021 |
| Role | DevOps Engineer |
| Responsibilities | <p>Working as a Senior DevOps Engineer on Azure Cloud Platform</p> <ul style="list-style-type: none"> • Worked for Internal Clients and on Azure DevOps Platform • Creation of Pipeline for Micro services CI/CD Implementation (Java, Spring boot, Maven Sonar) • Configured Various Environment on Azure Kubernetes Services • Worked with Infra to Set up Application Gateway and Expose End url in Public Domain • Continuous Health check and Running status of the AKS using application Insight • Managing and Reviewing the Pipelines for our Modules • Monitor and track the resource consumption of the Cluster and Pods on given point of time. |

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| | <ul style="list-style-type: none"> • Apply Scaling of resources on Pod Level with HPA on Kubernetes |
| Description | . It is Platform that support multi-channel and Multiple Clients, this is Supper App known as TATA NEU. It offers wide range of Service in multiple sectors and provides a centralized platform to the Customers. |
| Tool | Azure Cloud, Azure DevOps, Java, Maven, SONAR, Shell |
| Languages | Java, Hibernate, Node, Angular JS |
| Work Location | Kolkata, India |
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| Project | Tata Croma |
| Client | TATA |
| Period | 4/2021 to 09/2021 |
| Role | Role: DevOps and Cloud Platform Engineer |
| Responsibilities | Key Responsibilities: <ul style="list-style-type: none"> • Working as a core team for DevOps solution and Cloud Technologies. • Worked on Azure Pipeline creation for Build automation and Deployment for Java based Application. • Setting up testing framework and enable Code coverage • Set up Self Hosted agent for Build Pipeline for Parallel Build Execution. • Validating the DevOps standards for Build and Release Process • Creating Agent Pool for Self-Hosted agents • Setting up the Build Environment for SAP based application |
| Description | It is Croma Portal for Online Products and customer Support. |
| Tool | Azure DevOps, Maven, SONAR, Code Coverage |
| Languages | Java, Angular JS, Shell Scripting |
| Work Location | Kolkata, India |

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| Project | Digital Tech |
| Client | Celcom |
| Period | 07/2019 to 02/2020 |
| Role | DevOps and Cloud Platform Engineer |
| Responsibilities | <p>Key Responsibilities:</p> <ul style="list-style-type: none"> • Working as a core team for DevOps solution and Cloud Technologies. • Worked for multiple Clients and on multiple Cloud Platform, Kubernetes, • On Premises Kubernetes Cluster Set up using Kube Admin <p>Setting Up cluster networking, Ingress Rules</p> <ul style="list-style-type: none"> • Creating the ELK and EFK stack and monitoring the resource utilization. • Setting up HA Proxy and Keep alive components for High Availability. • Ingress Controller and Ingress setup for Path based routing • Attending daily meetings with Development team and Stakeholders • Working on Vulnerability fix after security scanning by a network and security team, |
| Description | It was a Pilot Project to test the Kubernetes Cluster on Premises features and Migration of Some Existing application |
| Tool | Kubernetes, ELK, Virtual Machine, |
| Languages | YAML, Shell, Power shell |
| Work Location | Kolkata, India |

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|-------------------------|---|
| Project | KITS |
| Client | Kingfisher PLC |
| Period | 02/2017 to 06/2019 |
| Role | Build Specialist & Environment Manager |
| Responsibilities | <p>Maintain the Application Life cycle through different phases.</p> <ul style="list-style-type: none"> • Get involve in vendor meetings to understand the requirement and challenges. • Provide feasible solutions to in order to mitigate any business impact. • Set up Build and Deployment solution for all the applications. • Manage the code base and maintain the track of code revision for tractability. <p>. Set up the New Environment on demand and perform rollout</p> <p>. Assist the Testing team and using the Environment</p> |
| Description | To embrace the advantage of the information technology and to upgrade the Retail experience, Omni Channel Platform must be designed for Customer. Omni store Kiosk and POS is setup. |
| Tool | Jenkins, Maven, Corbertura, Sonar, Shell, JBOSS, Wild fly |
| Languages | Java, Node js, Angular JS |

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| Work Location | Kolkata |
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| Project | Connect and Home Shopping Centre |
| Client | ASDA |
| Period | 04/2014 to 01/2017 |
| Role | Build Specialist |
| Responsibilities | <p>Maintain the Application Life cycle through different phases.</p> <ul style="list-style-type: none"> • Get involve in vendor meetings to understand the requirement and challenges. • Build the APK file for the Handheld Device using the CI pipeline on Jenkins regularly • Deploy the latest release using Air Watch in various Store across the region and track the deployment status. • Maintain the DBA and Developer request for Providing the required details related to Environment • Debug and trouble shoot the issue faced by Customer while using the services. • Provide feasible solutions to mitigate any business impact. • Set up Build and Deployment solution for all the applications. • Manage the code base and maintain the track of code revision for tractability. |
| Description | To embrace the advantage of the information technology and to improve the business model, ASDA (client) was all ready to digitize their existing logistics system under the brand name Store Connect |
| Tool | Jenkins, Maven, Corbertura, Sonar, Shell |
| Languages | Java, Node js |
| Work Location | Kolkata, Leeds UK |

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|-------------------------|---|
| Project | NBC Universal Studios |
| Client | NBCU Media Domain |
| Period | 04/2011 to 02/2014 |
| Role | Build Solution Specialist |
| Responsibilities | <p>Maintain the Application Life cycle through different phases.</p> <ul style="list-style-type: none"> • Manage different SCM tools as admin (GitHub, TFS, ClearCase) for various team and provide the required assistance. • Migrate the Source code from IBM ClearCase to TFS • Provide Build Solution various team using a CI tool called Anthill PRO currently known as Ubuild and Udeploy. |

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| | <ul style="list-style-type: none"> • Set up confluence Pages and upgrade the version whenever required. • Follow the Scrum Process and attend the Daily SCRUM Meeting Client and track the status on Kanban Board. • Debug and trouble shoot the issue faced by Customer while using the services. • Provide feasible solutions to in order to mitigate any business impact. • Set up Build and Deployment solution for all the applications. • Manage the code base and maintain the track of code revision for tractability. |
| Description | It was a Media Domain Project based on USA, We as a team are responsible for Providing Build software solution. Supported various tools and Source code management. |
| Tool | Anthill, ANT, Corbertura, Sonar, Shell |
| Languages | Java, Node js, JavaScript |
| Work Location | Mumbai |

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|-------------------------|--|
| Project | CCIL |
| Client | Clearing Corporation, |
| Period | 07/2010 to 04/2011 |
| Role | . Net Developer |
| Responsibilities | <ul style="list-style-type: none"> • Worked as a dot net developer and created some Webpages for a Website using C# on VS IDE. • As a development team we have to work closely with Client to gather the requirement • Working on Design Document and create a Workflow for the final Product. • Create and Maintain Databases along with Database Administrator. • Created a validation page with Custom regular expression using JavaScript. • Attending Daily stand up and meeting for status update. • Get involved in Monthly product release and rollout process. |
| Description | It is Government undertaking Financial Institution worked as Broker for Security and Bonds related transaction. Our Project was to create a Platform for putting a deal with multiple stakeholders in a common place. |
| Tool | Visual studio, SQL, |
| Languages | C#, JavaScript |
| Work Location | Mumbai |

KEY COMPETENCIES & SKILLS

My Competency Profile includes the following

| Skill | Proficiency (E0 to E4) |
|-----------------------|------------------------|
| Digital: Cloud DevOps | E2 |
| Digital: Kubernetes | E0 |
| Digital: AWS | E1 |
| SQL | E2 |
| Digital: Unix Admin | E1 |
| AWS | E2 |
| Communication | L2 |
| Six Sigma | E1 |
| Continual Learning | L2 |

PERSONAL DETAILS

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| Date of Birth | 25/04/1986 |
| Nationality | INDIAN |
| Marital Status | Married |
| Date of Joining | 15/07/2010 |
| Role | Cloud Architect & DevOps Engineer |
| Location | Kolkata |
| Email ID | Binay.Kumar@tcs.com |
| Mobile No. | +91 9830527052 |

PASSPORT DETAILS

| Name as on passport | Passport Number | Date of Issue | Expiry Date | Place of Issue |
|---------------------|-----------------|-------------------|-------------------|----------------|
| BINAY KUMAR | L7851176 | 12/03/2014 | 11/03/2024 | RANCHI |