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| **AKASH PAL**  Technology Lead at Cognizant Technology Services  **IT PIN:** 701087191627  https://www.linkedin.com/in/palakash/ |  |
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***PROFESSIONAL PROFILE***

* Having around 6 Years of experience in IT analysis, consulting, implementation, maintenance and development for Application Lifecycle management.
* Currently designated as Technology/DevOps Lead with Cognizant Technology services.
* **Microsoft Certified Solutions Developer in Application Lifecycle Management which includes Administering TFS, software testing with MTM and continuous delivery using Visual Studio ALM.**
* **A Microsoft certified professional and Jenkins engineer.**
* **Have worked in Next generation tools like Red Hat OpenShift for deploying application which includes advantages of docker and Kubernetes platform.**
* **Sound knowledge of emerging technologies like DevOps with Azure and TFS with blend of Docker and AWS.**
* **Have worked in setting up the CI and CD environment for Azure IoT hub and Azure Fabric Cluster having telemetry data with App services for Web API’s.**
* **Have worked on VSTFS environment architecting, set up and Implementation.**
* **Have worked as a TFS Administrator for more than 5 years. My roles and responsibilities included installing, configure and manage TFS, setup version control proxy, configure app tier, migrate and upgrade TFS, install and configure build agents and controllers, managing Team Project Collections (Moving/Splitting), configure backup and recovery, administer version control, managing team roles and securities, managing team projects, managing and customizing Work items, TFS build workflow, deployment to IIS and Azure. I have first-hand experience upgrading TFS from 2010 to 2015 on an enterprise level.**
* **Working experience in Microsoft Azure: IoT, Azure Fabric Cluster, Design and Implement Web Apps (Hosting web applications on azure platform), Create and manage Virtual Machines (Establishing Development environment using virtual machines), Implementing Custom Domain, Design and Implement Storage strategy, Managing application and network services.**
* **Involved in performing proof of concepts using GCP.**
* **Experience in multiple IT disciplines and relevant architecture experience with understanding of architectural concepts (data, technical and solution), issues and trends.**
* Technical expertise in all aspects of the SDLC (Waterfall, Scrum and Agile).
* Proficiency in managing and build an application from its requirement to release process.
* Rich experience in Microsoft and IBM build tools like RTC and Tasktop.
* Sound knowledge in debugging and rectifying remote Unix machines issues for development.
* A team player with coordinative approach by effective people management and emotional intelligence.
* Ability to work with service orientation result with effective judgments and decision making.
* Experience in defining and implementing solutions to business Platforms.
* Follow new technologies and enhancement in existing ones and quickly adapt them.
* Sound complex problem solving and critical thinking ability.
* Having cognitive flexibility and able to work creatively in team as well as individual contributor.

***CAREER HIGHLIGHTS***

**Nov'17-till Date Technology Lead Cognizant Technology**

**Services (P) Ltd.**

**Jun'12- Nov’17 Technology Analyst Infosys Technologies Ltd.**

***The Accountabilities***:

* Providing application consulting for requirements to deployment scenarios for Application Lifecycle Management System (ALM) which includes enterprise and open source platforms.
* Developed solutions to meet the needs of business and integrate into the enterprise architecture.
* Research, evaluate, test and promote the use of open source tools and technologies.
* Make technical product strategies with road maps that imitate technological realities.
* Provide architecture consultancy & support to delivery team with in the organization.
* Develop solution accelerators and Proof of Concepts.
* Help in debugging for various deployments through release management tool for various platforms.
* Help development teams to structure code for deploying web package through .net, java, maven and gradle tools.
* Providing assistance on Work Item Tracking, Source control management, Planning,
* Managing product backlog, Report Management, Continuous Build management using Rational
* Change release, Problem ticket and Incident management using service now.
* Providing support to perform build in various build tools and also to scan for the bugs.
* Deployed the changes in the application server of various tools used for facing issues in the tools.
* Assisting the clients in resolving issues regarding the accessing tools and performing operations on it.
* Defects tracking and reporting and reviewing the defects to ensure that the proper process is followed while filing

defects.

***The Attainments:***

* Highly appreciated by clients for sincere and proactive approach towards work & active involvement in application management.
* Received acknowledgement and appreciated for outstanding work in Citi Group.
* Received appreciation for timely support in short span of time from Senior Citi Management and Team.
* Received Best team award for performing outstanding team and work management from Citibank.
* Have awarded with “**Spot Award**” from Infosys for my Outstanding Performance and Valuable contribution.
* Have won “**Achievers Award**” for my contribution to the team and project.

***PROJECT DETAILS***

**Project 1:**

**Barclays Utility Management:**

**Synopsis**  : This project deals with users based out of India and UK for deploying their application to aPaaS environment and troubleshooting their day to day issues regarding different ALM tools which provides user to create projects, build images and the applications for various functionalities and tracking of defects, bugs and provide fixes to same and also assist development teams to structure code for deploying packages leveraging next generation container technology using docker and managing orchestration through Kubernetes technology.

**Applications used** : **Red Hat OpenShift, Bitbucket, Jenkins Cloudbees, Nexus, Jira and Git.**

Team Size : 4

Role : DevOps Engineer.

Period : May 2018- till.

**Responsibilities:**

* Creation of releases for CI/Scheduled builds pipeline using groovy scripts for Web APIs, Web application and Enterprise applications archives.
* Promotion of images from Dev to UAT and Production environment releases with conditional per project approach and approvals.
* Pushing created images to external repo to make it able to pull for other deployments for the same related projects.
* Publish via S2I concept of OpenShift which includes the source code from bitbucket and build image on top of Jboss.
* Debugging and collaborating with various teams for CI/CD issues.
* Helped teams collaborate for faster software delivery and source code management best practices.

**Project 2:**

**Navistar Inclusive. (Manufacturing and Logistic Solution):**

**Synopsis**  : This project deals with the tools with its users based out of India and US providing quality manufacturing and logistics client services. This includes Build and release automation (CI-CD) with test and project management for an IoT solution using Windows/Mac IoT hardware devices and Azure IoT Hub and Stream Analytics designed and implemented using API's, Azure functions and Service Fabric cluster container hosting fabric application with best practices and provision of an Azure environment using PowerShell that contains IoT Hub, Stream Analytics Jobs that identify telemetry events and alarm states, Service Bus and set of message queues for backend integration.

**Applications used** : **Microsoft Team Foundation Server, Web APIs, Azure (IoT, Fabric cluster, Web Application Service and Functions) and Node.js applications.**

Team Size : 7

Role : DevOps Lead.

Period : Jan 2018- May 2018.

**Responsibilities:**

* Creation of releases for CI/Scheduled builds using V-next builds for Web APIs, Azure fabric functions and Service Fabric clusters.
* Creation of Dev, UAT and Production environment releases with conditional per project approach and approvals.
* Creation of PowerShell scripts for builds and releases (CI-CD) on incompatible TFS environments and tools used in code.
* Publish via PowerShell scripts for API, Azure function, Node.js and Fabric applications.
* Debugging and collaborating with various teams for CI/CD issues.
* Helped teams collaborate for faster software delivery and source code management best practices.

**Project 3:**

**EY-ATF (Audit tool of future):**

**Synopsis**  : This project deals with the Audit tools with its users based out of India, US and UK providing seamless integration of technology into audits drives quality and Exceptional Client Service. Data analytics, built to scale from the largest to the smallest of our clients. Cloud-based platform for accessing accounting and auditing content including external standards. It involves creation of new release for various platforms and environment and also debugging the issues for existing CI and CD framework inclusive of Canvas, Atlas and Helix tools.

**Applications used** : **Microsoft Team Foundation Server**, **Microsoft Release Management 2015**

Team Size : 5

Role : Build/Release engineer.

Period : Oct 2017-Jan 2018

**Responsibilities:**

* Creation of releases for CI/Scheduled builds via release management tool for audit tools.
* Debugging and collaborating with various teams for CI/CD issues.
* Helped teams collaborate for faster software delivery and source code management best practices.

**Project 4:**

**Citi GPA ALM (Global product Assurance- Application Lifecycle and Management):**

**Synopsis**  : This project deals with the Global Product Assurance with its users based out of India, US, UK, Singapore for troubleshooting their day to day issues regarding different ALM tools which provides application support for the user to create projects, builds, reports and the applications for various functionalities and tracking of defects, bugs and provide fixes to same and also assist development teams to structure code for deploying web packages using different tools like Microsoft Team Foundation Server, IBM Rational Team Concert, Collabnet Team Forge, Thor Enterprise Build, Tasktop, AppScan etc. This project features on project management for various solutions that incorporates a rich work tracking mechanism using Kanban board for achieving various features and product backlogs in some efficient ways leveraging the use of build controllers and servers for xaml builds to package the builds ready for deployment on different environments

**Applications used : Microsoft Team Foundation Server**, **IBM Rational Team Concert, Collabnet TeamForge, IBM Tasktop, IBM AppScan, ServiceNow.**

Team Size : 15

Role : Application Admin/Consultant

Period : Jan 2014-Oct 2017

**Responsibilities:**

* Incident, Change and Problem Management via ServiceNow.
* [Source code management](http://en.wikipedia.org/wiki/Revision_control) (via Team Foundation Version Control, [Git](http://en.wikipedia.org/wiki/Git_(software)) and Rational Team Concert).
* Reporting, [requirements management](http://en.wikipedia.org/wiki/Requirements_management).
* [Project management](http://en.wikipedia.org/wiki/Project_management) (for both [agile software development](http://en.wikipedia.org/wiki/Agile_software_development) and [waterfall teams](http://en.wikipedia.org/wiki/Waterfall_model)).
* Automated builds, lab management.
* [Testing](http://en.wikipedia.org/wiki/Software_testing) and [release management](http://en.wikipedia.org/wiki/Release_management) capabilities.
* Helped client users to build better software and products with an all-in-one Agile development environment for teams, which includes agile, formal and hybrid planning and reporting, all on a common platform.
* These capabilities are available separately and can be integrated with popular source control systems.
* Helped teams collaborate for faster software delivery.
* Troubleshooting build issues in TFS, RTC, EB
* Install, Configure and Manage TFS
* Configure App Tier
* Migrate and Upgrade TFS
* Managing Build and Release Workflow with TFS and VSTS
* Configuring Continuous Integration and Continuous Deployment with TFS, VSTS, Azure
* Incident and Change Management using Service Now
* Managing Team Roles and Securities
* Managing and Customizing Team Process.
* Enhanced team collaboration with integrated features including work-item, build and software configuration management.
* Provided high visibility into project activities and team progress with multilevel dashboards and reporting features.
* Facilitated planning and execution of agile or formal projects with planning tools and templates. Consistent processes help improve software quality
* Helped to improve productivity with advanced source control for geographically distributed teams.
* Provided web application security and application security to improves application security program management and strengthens regulatory compliance.
* Provided scanning ability to code for web and applications prior to deployment.
* Helped to identify security vulnerabilities and generate reports and fix recommendations.
* Help to define the integration standard for software delivery tools.

**Project 5:**

**JPlus (Infosys internal):**

**Synopsis** : JPlus is an application which provides the feature of repository of various internal resources like study material, related artifacts, videos and also option to upload the same etc.

Application Used : Java EE.

Role : Development and maintenance of JPlus.

Technologies Used : Java, JPA, JSF, JavaScript, JDBC, JSP and Servlets, HTML5.

Period : Aug 2013 - Jan 2013.

**Responsibilities:**

* Managing requirement gathering, system analysis & finalization of technical / functional specifications.
* Application development using JSF framework and using JPA for Object Relational Mapping. Using JDBC connection

object to execute SQL queries to retrieve My SQL data.

* Implementing changes in the existing modules for application maintenance.
* Creating Servlets, Development of web pages using JSP, JSF and data binding for POJO classes.
* Major and minor enhancements in the web application which required knowledge of JavaScript and HTML, CSS.

***IT SKILLS***

Operating System : WINDOWS, WINDOWS SERVER.

Tools/Tech : Microsoft Team Foundation Server, Redhat OpenShift, Bitbucket, Jira, IBM Rational Team Concert, Jenkins, Collabnet Team Forge, Microsoft Visual Studio, Thor Enterprise Build, IBM Tasktop, AppScan, HP-ALM, Eclipse, Sonar qube, SCM tools, Putty, Tectia, Service Now, WinSCP, SSMS, Team Project Management.

Deployment : Azure, OpenShift, Nexus, IIS, RLM

***ACADEMIA***

**PGDBA-CRM :** Symbiosis University Pune 2015-17

**B. Tech :**  PSIT, Kanpur GBTU 2008-12

**XII**  **:** Dr. Virendra Swarup UPBoard 2005-07

**X :** Dr. Virendra Swarup UPBoard 2004-05

***ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES***

* Received recognitions from Cognizant DevOps and domain specific clients for outstanding performance.
* Received prestigious Infosys Spot and Best team award for outstanding performance.
* Appreciation for organizing an event at Infosys.
* Certifications from Infosys in various management needs and skills.
* Many technical internal certifications from Infosys for enhancing work structure.
* Won a gaming Event held at college level.
* Won prizes at school level & also from ‘Akhil Bhartiya Pal Mahasabha’ in 2005 & 2007.
* Certification from UPTEC for Oracle Database Management System.
* Certification from MITBOTS for Assembly programming.

***PERSONAL DETAILS***

Father’s Name : Mr. Shrichandra Pal

Mother’s name : Mrs. Sarla Pal

Date of Birth : 04 November 1991

Permanent Address : B-746 Barra-8 Kanpur, UP-208027

Passport No : K1559645

Languages Known : English, Hindi

Present Address : 1106 R6-B, Life Republic Township, Marunji, Pune-411057