

# PRITAM KUMAR DEY

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## EDUCATION

### Bachelor of Technology in Electrical Engineering

August 2008 - July 2012

JIS College of Engineering, Maulana Abul Kalam Azad University of Technology, Kolkata, India

□ Graduated with a DGPA of 7.85 / 10.0

## CAREER OBJECTIVE

Looking forward to be associated with a progressive and innovative organization in the area of information technology where I will have opportunities to enhance and utilize my skills and abilities to gain professional growth and experience.

## PROFESSIONAL SUMMARY

(March 2014- Present)

Have 7 years 1 month of experience working as a DevOps engineer with Automation. Skilled in DevOps/Build, Release Management and Automation. Expertise in Shell Scripting, Build and Release scripts automation. Expertise in GIT, Jenkins, Maven, CICD pipeline, Docker, Kubernetes, Basic of Ansible. Currently working in AWS DevOps, Jenkins, GIT, Shell scripting, AWS code pipeline and python scripting.

Good Knowledge on Software Development life cycle through Agile way of working. Expertise in driving feature development and delivering to end customers. Skilled in Maintaining and executing build scripts by coordinating with development/QA teams. Point of contact for troubleshooting build and integration issues for applications. A systematic, organized, hardworking team player/builder with an analytical bent of mind; reliable as a fully contributing, responsible & accountable member of task/project teams.

## PROFESSIONAL EXPERIENCE

| COGNIZANT TECHNOLOGY SOLUTIONS | Senior Quality Assurance Analyst | (October 2018- Present)

□ Working as DevOps engineer with Automation under the Insurance domain for the Manulife Canada projects, that would utilize existing inference algorithms, Implementing DevOps SkillSet and packages written in Java and python by using Continuous Integration Tools, Maven, Jenkins, and GitLab.

**Role:** DevOps and Automation Engineer Automation

**Platform:** Linux, Web Application

**DevOps Tools:** GITLab, Jenkins, Terraform, Docker, Kubernetes

**Automation Tools:** Robot

**Language:** Python

**IDE:** Pycharm

**SDLC:** Agile model (Scrum methodology) with DEVOPS

□ Worked on developing DevOps pipeline with Automation scripts in JAVA and VBScript programming language under the Petroleum domain for British Petroleum.

<b>Role:</b>	DevOps automation Engineer
<b>Platform:</b>	Linux, Windows 7, Web Application, Mobile Application
<b>DevOps Tools:</b>	GITLab, Jenkins, AWS Code Pipeline
<b>Automation Tools:</b>	UFT
<b>Language:</b>	Java, VBScript, Shell Script
<b>IDE:</b>	Eclipse
<b>SDLC:</b>	Agile model (Scrum methodology) with DEVOPS

## **GENERAL EXPERTISE**

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**Automation with DevOps:** Automating the commit changes or new builds till continuous delivery as well as continuous deployment using CI/CD pipeline, Source Code Management, Deployment, Artifactory Management, Orchestration and Monitoring tools. Additionally, Automating the Infrastructure and Scripting the required changes with Test automation tools.

## **TECHNICAL EXPERTISE**

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- **YAML, Shell Scripting:** Used to create continuous management.
- **Linux and Windows:** Used as a platform.
- **Oracle, MsSQL:** Used as database management tool.
- **GIT:** Used as a SCM.
- **Jenkins:** Used as a CI Tool.
- **Maven:** Used as a Build Tool.
- **Terraform:** Used as an Infrastructure Automation Tool.
- **Ansible (Basic):** Used as a Continuous Management Tool.
- **Docker :** Used as a Deployment Tool.
- **AWS :** Used as a Cloud Service.
- **Python, Selenium:** Used as an Automation scripting.
- **Pycharm:** Used for create the Python scripts, editing them and for running the scenarios using Robot Framework using Jenkins pipeline.
- **Eclipse:** Used for create the Java scripts.
- **Pipelines:** Used AWS code pipeline, Declarative and scripted pipeline
- **Kubernetes:** Used as Container Orchestration Tool.
- **Splunk:** Used as a logging tool.
- **JBFrog Artifactory, S3 Bucket:** Used as an Artifactory Management Tool.
- **Prometheus and Grafana (Basic):** Used as a monitoring tool.
- **JIRA, ALM:** Used for project management, tracking issues and assigning scenarios to individuals and to plan completion of scenarios.

## **CERTIFICATION**

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- 1) AWS-Certified-Cloud-Practitioner
- 2) Hashicorp Certified: Terraform Associate

## **ROLES AND RESPONSIBILITIES**

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- Involved in automation framework development and enhancement of CICD pipeline.
- Spearheading as developer in the project which associates in creating reports containing various infrastructure details to be used by various operation teams.
- As a developer in infrastructure field one of my roles is to make sure that the traffic flow is constant and the tools which we are using has the stability to handle that much traffic and has a backup infrastructure planned in case of any disaster situations.
- My tasks also include creating various Application servers/VMs and application gateway in order to make sure the traffic is routed to a dedicated path.
- I have automated a pipeline which is used by the clients while creating new subscriptions.
- Being a developer it was my task to be in constant sync with the clients and stakeholders in order to explain them various ideas in order to make the pipelines or infrastructure more rigid.
- Utilized AWS cloud service for Devops. Script fixing and maintenance in case of application feature change.
- Developing handy utilities/tools for repetitive manual tasks apart from regular test case automation.
- Attending daily stand up calls and coordinating with Client

## **EXTRACURRICULAR ACTIVITIES**

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- Represented Cognizant in Telegraph Merchant Cup Table Tennis Tournament and won Gold Plate in 2019.
  - Represented IBM in Telegraph Merchant Cup Table Tennis Tournament and won Silver Plate in 2018.
  - Co-founder of NGO, Bring a Smile, in Kolkata.
  - Participated as a team coordinator in Margao (GOA) for National Sports Festival for Women organized by the Government of India, Ministry of Youth Affairs & Sports.
  - Participated in the National and District Ranking Table Tennis Championship in 2000.
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