Kuntal Bhattacharya

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* **Professional Summary**
  + - * **3.2 years** ofextensiveexperience in **DevOps and Application Support** and in managing large scale IT management activities encompassing implementation & maintenance of large systems. All this with the help of technologies viz. **AWS cloud, GIT, Artifactory, Chef & Puppet, Jenkins, Docker, Nagios, Maven. App Servers viz. Tomcat, JBoss.**
      * Having fundamental knowledge onPython, Shell Scripting.
      * Manage DevOps and Infrastructure Teams supporting tools and infrastructure for 100+ developers on 2-3concurrent releases
* Amazon Elastic Compute Cloud **(EC2**) is Amazon’s innovative web service that is pioneering cloud computing and utility computing by providing resizable compute capacity in the cloud. **Auto scaling, Load balancing, IAM roles, Storage Types (EBS, S3), RDS, CloudFront, CloudWatch.**

This includes driving efforts across multiple teams locally and remotely including development and technical teams, Infrastructure, Billing, Technical Writing, Public Relations, Business Development, Marketing, Finance, Legal, and external partners, vendors, and key customers. In this capacity I am a key member of the EC2 team and drove most of the significant features that are released in this time period.

* Manage all CM tools and their usage / process ensuring traceability, repeatability, quality, and support
* Executed software projects for Banking, Automotive, Finance , Process industry, Pharmaceuticals, Airlines.
* Good communication skills, interpersonal skills, self-motivated, quick learner, team player.
* **Technical Skills Summary:**

**DevOps:**

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| * Cloud service platform: AWS * Code repository/Version Control: Github, JFrog * Server Hosting & Virtualization: VMware,KVM * Configuration management tools: Puppet ,Chef * Deployment & CI tools : Jenkins, Nagios, * Containerization : Docker, * Build Tools : Maven. * Web & App Servers : Apache Tomcat, JBoss | * Windows & Linux/Unix Platforms * Database: RDS, MySQL, Oracle, DB2 * Administrating DHCP, DNS * Languages : Python, Shell Script * Ticketing Tools: JIRA, ServiceNow |

# Professional Experience:

**IBM GLOBAL SERVICES INDIA PVT LTD May 7th 2015 – Till Date**

**Dept:** Global Technology Services.

**Designation:** Service Delivery Specialist

Key Responsibilities:

**DevOps:**

Projects: Barclays PLC (U.S), Air Canada.

* **As part of Devops worked on AWS cloud, GIT, Artifactory, Chef & Puppet, Jenkins, Docker, Nagios, Maven. WebApp Servers viz. Tomcat, JBoss.**
* Working on Continuous Planning, Continuous Integration, Continuous Deployment and Continuous Monitoring in DevOps.
* Implement the first release tracking and reporting providing full visibility into software releases.
* Implemented Open Source configuration management tools [Puppet and Chef] for Environment provisioning automation.
* Automated health checks on high utilization servers using Nagios Plugins & containerizing using docker.
* Knowledge on build automation tool like Git, Maven, provisioning infrastructure as a code
* Manage DevOps and Infrastructure Teams supporting tools and infrastructure for developers on 2-3concurrent releases.
* Automated **MEAN Stack Applications, Angular Webpages** through Docker & Jenkins
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’s, Whenever a new github branch gets started, Jenkins automatically attempts to build a new Docker container from it, The Docker container leverages Linux containers and has the AMI baked in. Converted our staging and Production environment from a handful AMI’s to a single bare metal host running Docker.
* Manage re-architecture of Jenkins and integration with Confluence for release management and documentation assets. Re architect a Maven based system reducing build times
  + - * Designed distributed platform integrating **databases, applications, web services, bank transaction gateways & content delivery** networks across multiple cloud providers, geographic locations for availability, redundancy and performance for **Air Canada & Barclays projects.**
      * Secured 80% on Internal IBM assessments relative to current job role.
* **Education Summary:**

Bachelor of Technology (E.E) W.B.U.T from C.I.T.M Hooghly, West Bengal in 2013 with 75%

Higher Secondary in Science C.B.S.E (Maths & Computer Science) with 65%

Matriculation in Science C.B.S.E with 75%