**Sandipan Deb**

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**Profile**

DevOps Engineer

**Experience**

SENIOR ANALYST, CAPGEMINI, NAVI MUMBAI, MAHARASHTRA – MAR’2018-PRESENT

* Source code management and Version Control with GIT.
* Administration of JIRA, Confluence and Bitbucket Enterprise & Cloud version.
* Azure Account Administration: Spinning up new Virtual Machines with Virtual Networks and Storage with the Concept of Azure Resource Manager. Also monitoring and alerting of WebApps and Cloud Services using Application Insights.
* Implemented CI/CD pipelines in Azure DevOps using YAML format and UI both for two different applications. Installed self-hosted Agents to build and deploy code in Azure Cloud. Created triggers to deploy in different environments (i.e Dev, PreProd, Prod).
* Familiar with PowerShell scripting. Automated health-checks and other administrative works using PowerShell.
* Set up ELK Stack infrastructure consisting of three Elastic-search nodes cluster to monitor logs coming from different sources (i.e VDM’s mounted on the server itself or coming via Filebeat). Also Filtered different log formats (i.e XML, JSON, Plain-Text, IIS) using various plugins in Logstash. Created Visualization in Kibana for monitoring the logs. The stack was configured with X-Pack to apply role-based authorisation and monitoring of the cluster. Implemented Curator for taking back up of indices and delete them from cluster to release the disk space.
* Microsoft PowerBI: Reporting of account level data with different kinds of dynamic visualization.
* Currently working with Terraform to provision infrastructure of different environments.

**Education**

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| --- | --- | --- | --- | --- | --- |
| **Qualification** | **School/College** | **University/Board** | **Year of Passing** | **Stream** | **Score** |
| Bachelor of Technology | Narula Institute of Technology | Maulana Abul Kalam Azad University of Technology, West Bengal | 2017 | Electronics and Instrumentation Engineering | 8.26/10 |
| Class 12 | Dum Dum Kishore Bharati High School | West Bengal Council of Higher Secondary Education | 2013 | Math, Chemistry, Physics | 80% |
| Class 10 | Dum Dum Kishore Bharati High School | West Bengal Board of Secondary Education | 2011 |  | 81% |

**Awards and Achievements**

* Bronze badge of honour – For excellence and delivery beyond client’s expectations.
* Silver badge of honour – For excellence and delivery beyond client’s expectations.

**Skills and Competencies**

* Fluent in English writing, reading and interaction.
* Team player with understanding of responsibilities.