

MITHUN CHAKROVARTY

Open to Work from Remote with DevOps | AWS | Java | Application support

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Career Summary:

DevOps engineers with 6+ experience in software development track, supporting and automating deployment over big infrastructures. Proficiency in Core Java, Php, Enterprise solution of ERP (Openbravo ERP), PDM (Product Data Management), Distributed Server Management, CI/CD using Jenkins and cloud management using Amazon Web Services (AWS). Apart from this, I have sound knowledge of Installation, Configuration and Management of Kubernetes and Docker. Also, sound knowledge of monitoring tools Zabbix, Nagios, Prometheus and Grafana. Application performance analysis and load testing using Jmeter.

Work Experiences:

1. DevOps Engineer | Decode Lab | (July, 2019 – Continuing)

Responsibilities:

1. Implemented and managed infrastructure on AWS using services such as EC2, VPC, S3, Lambda, DynamoDB, IAM, etc.
2. Implemented CI/CD pipelines automated deployments using Jenkins.
3. Provided developer support to develop new features and fix the bugs.
4. Configured and managed auto-scaling, load balancers, backups, and monitoring on AWS.
5. Regularly updating and maintaining the server to ensure stability, security, and performance.
6. Continuously improving the support process and implementing self-service options to empower users.

Technology and Programming Language: AWS, Jenkins, Linux server, php ect.

2. Software Engineer | BJIT Limited | (March, 2016 – June, 2019)

Project: PDM (Product Data Management) part of Product Life-cycle Management (PLM) for Valmet Corporation (Finland).

Responsibilities:

1. Conducted research and development for PDM system, driving innovation and improving efficiency.
2. Implemented CI/CD pipelines using Jenkins for automated deployments.
3. Analyzed performance testing results, identifying bottlenecks, and optimizing system performance using JMeter
4. Managed source code using industry-standard version control tools.
5. Utilized Zabbix and Nagios for monitoring and alerting of resources.
6. Continuously improved the entire production system by implementing automation and process enhancements.
7. Provided reliable application management support to end users, resolving issues and ensuring smooth operations.

Technology and Programming Language: Java Enterprise Edition (Java EE) with Enovia Ematrix (Dassault Systèmes), Product Lifecycle Management (PLM) Business Solutions, Linux Shell Script, TCL (Tool Command Language), MQL (Matrix Query Language) and Python_Script, Oracle, MySQL, Centos and Windows server, Jenkins, Ansible and Rundeck, Php, JavaScript, Redmine, Jmeter, Ksar etc.

3. Java Programmer | Khayal Alwataniya Co | (October 2015 - February 2016) | (Worked from Remote)

Duties/Responsibilities:

1. Designed and developed new modules and solutions using Openbravo ERP.
2. Integrated Openbravo ERP with various external solutions, including e-commerce platforms
3. Maintained technical documentation to capture system architecture, configurations, customizations, and source code management
4. Trained staff and get feedback for the new modules and improvement.

Technologies Used: Java Enterprise Edition (Java EE)/ OpenbravoERP, PostgreSQL, Apache Tomcat, Jasper Report.

4. Java Programmer | RAWN Technologies Ltd (Jan 2015 - February 2016)

Duties/Responsibilities:

1. Developed new modules and solutions using Openbravo ERP
2. Integrated others solution with Openbravo ERP and e-commerce.
3. Ensure project management, performance testing, technical documentation, and source code management.

Technologies Used: Java Enterprise Edition (Java EE)/ OpenbravoERP, PostgreSQL, Apache Tomcat, Jasper Report.

Technical Qualification:

Programming Language: Java (J2EE), PHP and Python.

Database: Oracle, MySQL.

Scripting Language: Linux Shell Script, TCL (Tool Command Language), MQL (Matrix Query Language) and Python Script.

Server: Linux Redhat, CentOS and Ubuntu.

Application Server: Apache, Apache tomcat and Apache solar, Load Balancing, Nginx.

Monitoring Server: Zabbix, Nagios, Prometheus and Grafana

Building Tools: Apache ant and Maven.

Automation Tools: Jenkins, Ansible, Rundeck.

Performance Testing: Apache jmeter.

Container Management: Kubernetes (Learning), Docker.

Version Control: Git.

Others: Lotus Notes (Document management), Redmine (Task management), Keycloak (SSO authentication)

Cloud Platform Amazon Web Services (AWS): EC2, VPC, S3, Lambda, DynamoDB, IAM etc.

Projects:

Application Automation System (With Jenkins)	
Contribution	Set up Jenkins, an open-source automation server, to facilitate the CI/CD process for the application. This involved installing Jenkins and configuring it to automate tasks such as building source code, testing, and deploying the application on multiple servers.
Tools	Jenkins and Bash script.

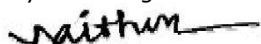
Business continuity (User Management System)	
Contribution	Developed a script that granted specific users access to perform predefined tasks within the application and the underlying system. This script ensured proper user management and maintained security by allowing only authorized users to perform specific actions.
Tools	Bash script, TCL (Tool Command Language).

Java POS with Restaurant Module	
Contribution	Developed a new Restaurant POS module: I designed and implemented a module within the Java-based Point of Sale (POS) system that specifically catered to the needs of restaurants. This module included features for managing tables, food options, kitchen display, and customer display.
Tools	OpenbravoERP, PostgreSQL, Jasper report, Apache tomcat

Tender (Costing) Module	
Contribution	Developed a custom module using OpenbravoERP: For a national construction company, I created a custom module within the OpenbravoERP system to handle tender costing. This module streamlined the process of managing and calculating costs associated with construction tenders.
Tools	OpenbravoERP, PostgreSQL, Jasper report, Apache tomcat.

Education	Language	Soft Skill
MSc in CSE Jahangirnagar University 2016-17	English (Professional) Bangla (Native)	<ul style="list-style-type: none">✓ Good Team player✓ Effective Communication✓ Documentation✓ Time management✓ Quick response✓ Take responsibilities
BSc(Engg) in CSE Begum Rokeya University 2008-12		

I hereby, declare that the statements made by me in the curriculum vitae are true, complete and correct to the best of my knowledge and behalf.



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