

Chandan Kumar Mohanty

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Summary

- ◆ I have around 6+ years of IT experience in **Docker, Ansible, Kubernetes, AWS, Linux, Jenkins**, Devops, Automation Testing, Java, Selenium, PLM and Manual testing.
- ◆ Seasoned Software Professional with 6 Years' Expertise: 4+ Years as DevOps Engineer, 2 Years as Automation Test Engineer.
- ◆ **DevOps Engineer** with 4.2 years of experience in Maven, Git, GitHub, Jenkins, AWS, Docker, Kubernetes.
- ◆ Currently working as a Devops Engineer in in Virtoy Technologies Pvt.Ltd , Devops service as well as service-based company.
- ◆ Excellent analytical, logical and trouble shooting skills.
- ◆ Hands-on knowledge in provisioning infrastructure on **AWS** using **Terraform**.
- ◆ I have capacity to work various multiple platforms and grasp the skill easily for implement.
- ◆ I have Diagnostic Ability for go to the core of the problem.



Professional Experience

- Currently working as Sr DevOps Engineer in Virtoy Technologies Pvt.Ltd Bhubaneswar from Oct-2023 to till date.
- Worked as Devops Engineer Ridik Grad [Formerly LectureNotes] Bhubaneswar from March-2022 to March 2023.
- Worked as Sr. Software Engineer in softwareFlame Bhubaneswar from Feb-2019 to Mar-2022
- Worked as a Software Engineer in smartData Limited Nagpur from Dec-2017 to Aug-2018
- Worked as the Software test engineer in Transcube Technologies Pvt. Ltd. from 2015 to 2017



Professional Education

- **BTech** from JIET Cuttack (Regular) Under BPUT Odisha

Technical skills

CI/CD Tool:	Jenkins, AWS DevOps
Build Tool:	Maven, Java
Container Management Tool:	Kubernetes, EKS
Source Code Management:	Git, GitHub
IAC Tools:	Ansible & Terraform
Containerization Tool:	Docker
Ticketing Tool:	PLM, JIRA, Bugzilla
Code quality check Tool:	SonarQube
Operating System:	Windows, Linux
Cloud Platform:	AWS Cloud



DevOps experience: (More than 4+ of experience)

- **DevOps Engineer** with 4.2 years of experience in Maven, Git, GitHub, Jenkins, AWS, Docker, Kubernetes.
- Implemented Devops practices in an **Agile** Scrum environment.
- Hands-on knowledge in provisioning infrastructure on **AWS** using Terraform.
- Deep knowledge of CI (**Continuous Integration**) and CD (**Continuous Deployment**) methodologies with **Jenkins**. Well versed in creating Groovy script-based Jenkins files for automating multi branch pipeline jobs.
- Build Management – Experience in tools such as **Maven**, for build management.
- Extensive experience in Scripting and Automation, working with the Configuration management tool **Ansible**
- Hands-on experience with SCM tools like **Git/GitHub** for branching, tagging and version management. Hands-on experience in **Linux** (Installation, Configuration & Troubleshooting).
- Proficient in installation, configuration and maintenance of Tomcat server.
- Hands experience on **Amazon EC2** cloud deployments using DevOps tools like **Jenkins**
- Extensively used Docker for creating the dev and QA environments.
- Good understanding of **Docker compose** for creating the multi container architecture.
- Well versed in creating Docker customized images using **Docker file**
- Implemented container orchestration using Docker swarm and **Kubernetes**.
- Team player with strong communication, interpersonal, analytical and problem-solving skills. Integrated, built, packaged, and debugged several major releases.
- Built, integrated, and packaged, product releases and installs scripts. Wrote shell scripts and scheduled them using **CRON** job.
- Responsible for deploying customized software deliverables to the various environments like **Dev/UAT** system.
- Also involved L1 support related tasks and monitoring scheduled jobs and resolving the incidents from service.



Java With Selenium: (More than 2+ years of experience)

- Understanding the Business Requirement Specifications.
- Developing Automation scripts for complete functionality of application Using Java and Selenium.
- Prepared Test Data for Automation with selenium WebDriver.
- Documentation and preparation of Test Reports.
- Scripting test cases as per user stories for Test Execution & Regression.
- Writing functional, GUI, scenario-based test cases & executing them.
- Performing testing such as GUI testing, Regression testing, Functional testing, Usability Testing, Cross Browser Testing
- Responsible for Functional, System, Integration, Regression, Re Testing, Compatibility testing of the application.
- Maintaining and monitoring the defects using Bug tracker.



Project Details

Project-1	Content and Academics
Description	Using Content part of the Content and Academics application user (Student and Faculty) can upload a new material and to manage the uploaded material like publish, approved, verify and buying the prime material etc. User can also bookmark the uploaded material. In Academics part user (Faculty) can add the Courses, Branch, Semester, Subject and Institutions. User should able to merge the created institute and also manage the all lists.
Roles	Devops engineer
Responsibilities	<p>Involved in</p> <ul style="list-style-type: none">• Implemented end-to-end CI/CD pipeline for a Java-based educational website using Jenkins, Docker, Kubernetes, Ansible, AWS services and Linux• Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave.• Downloaded Java-based code from GitHub, built the artifact using Maven, and created a custom Docker image with the artifact.• Creating CI/CD pipelines by integrating Jenkins with Git, Maven and Tomcat.• Created Ansible Controller and managed servers for QA and Prod environments• Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the Server.• Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave
Tools	AWS, Linux, Docker, Ansible, Kubernetes, Jenkins, GIT, CI/CD

Project-2	Test Platform
Description	Using Test Platform application mainly two types of users are taking the role one is Admin and other one is Student. It is four tabs are available Upcoming, Ongoing, Practices, Evaluation Pending and Completed. Admin can create the Difficulty Level, Questions, Question Bank, Exam Pattern and Exams. Admin also giving the permission to the faculty to mark the students who are appear the Exams. Student are only appearing the Exams and to see the mark. Admin also assign the mark all appeared students.
Responsibilities	<p>Involved in</p> <ul style="list-style-type: none"> • Implemented end-to-end CI/CD pipeline for a Java-based educational website using Jenkins, Docker, Kubernetes, Ansible, AWS services and Linux. • Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave. • Installed Jenkins and Docker on the same server and provided necessary permissions to execute Docker commands. • Installing, configuring and maintaining different tool using Configuration Management tools like Ansible. • Responsible for end-to-end Docker components support. • Creating new jobs in Jenkins and managing the build related issues. • Tested the application running in the QA servers with the testing codes downloaded from GitHub. • Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave
Tools	AWS, Linux, Docker, Ansible, Kubernetes, Jenkins, GIT,CI/CD, Maven,Configuration,

Project #3	Billing & Smart Classroom:
Description	<p>Using Billing application mainly two types of users are taking the role one is Admin and other one is Student. It has one subscription page. Admin can create the Subscription packages. Those packages can display to the students in the Subscription page and they are purchasing those packages and get Reward points. Those all activities are handled by the Admin. All the Transactions related details are also handled by Admin.</p> <p>Smart Classroom: Using Classroom application mainly three types of user are taking the role one is Admin and second one is Faculty and another one is Student.</p>
Responsibilities	<p>Involved in</p> <ul style="list-style-type: none"> Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave. Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave
Tools	AWS, Linux, Docker, Ansible, Kubernetes, Jenkins, GIT, CI/CD, Maven, Configuration,

Project #4	iCiX: (International Compliance Information Exchange)
Description	<p>iCiX is a secure online Industry Network for exchanging and managing the many documents and tasks associated with compliance and standards. iCiX is a comprehensive platform. It enables you to manage, store, and share documents, and manage your compliance and supply chain Communication needs — from emergency communications such as Recalls to general notifications via voice, fax, email, and text messaging.</p> <p>As an iCiX member, you have around-the-clock access to the members in your own supply chain, as well as to the entire community of iCiX members. You also have access to valuable tools that facilitate the many tasks required to efficiently work with your trading partners.</p>

Responsibilities	<p>Involved in</p> <ul style="list-style-type: none"> Configured cloud infrastructure in AWS and created secure password less SSH connections between Jenkins, Ansible, K8s Master, and Jenkins-slave. Developing Automation scripts for complete functionality of application. Performing testing such as GUI testing, Regression testing, Functional testing, Usability Testing, Cross Browser Testing
Tools	AWS, Linux, Docker, Ansible, Kubernetes, Jenkins, GIT, CI/CD, Maven, Configuration

Project #5	Oil, Gas and Well Management (VWF: Virtual Well File)
Description	<p>“OGWM” is a business automation tool developed and designed for US based Oil Gas Company. It helps them managing and tracking well related operations and production that means complete well life cycle is being managed through OGWM application.</p> <p>“OGWM” is to intelligently manage the process for getting maximum output by minimizing the loss of Drilling shifting time.</p> <p>“OGWM” atomizes their current existing process which was being managed differently and most of the processes were manual. OGWM provides better security in terms of legal documentation and application data security.</p>
Responsibilities	<p>Involved in</p> <ul style="list-style-type: none"> Understanding the Business Requirement Specifications. Developing Automation scripts for complete functionality of application. Performing testing such as GUI testing, Regression testing, Functional testing, Usability Testing, Cross Browser Testing Actively attending Scrum meetings with the Team to evaluate the progress the application.
Tools	Linux, Jenkins, GIT, Selenium, java, Manual Testing.

Project #6	ReLOPS - Retail Loss Prevention System
Description	Provide an operation to prevent retailer's stock loss, manage inventory and create a great in-store customer experience. With the excellence and research in various industries. In this process by which a company manages and integrates important parts of a business such as planning, purchasing, inventory, sales, marketing, finance and human resources. This ERP system is mainly used for Inventory management knowing what they have in warehouse, Supply chain visibility, Accurate financial reports, Complete Stock levels from Ware house to Multiple Stores, ordering levels to Booked stock, create own Barcodes, use Supplier Barcodes or Auto Create Barcodes, Purchases, Customer Specific Pricing and Much More It has modules like Stock items, purchases, Customers, Suppliers, Sales.
Responsibilities	Involved in <ul style="list-style-type: none"> • Understanding the Business Requirement Specifications. • Developing Automation scripts for complete functionality of application. • Performing testing such as GUI testing, Regression testing, Functional testing, Usability Testing, Cross Browser Testing • Actively attending Scrum meetings with the Team to evaluate the progress the application.
Tools	Linux,Jenkins, GIT, Selenium, java, Manual Testing.



Personal Details

Date of Birth : 01/07/1988

Marital Status : Married

Nationality : Indian

Languages : English, Hindi, Oriya,

Hyderabad

Chandan Kumar Mohanty

