

PANKAJ GACCHE

DevOps Engineer



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CORE COMPETENCIES

- AWS, Microsoft Azure
- Docker, Kubernetes, Terraform, Ansible
- Test Automation, Git, Linux, Shell Scripting
- Agile Methodology
- Software Development Life Cycle (SDLC)

IT SKILLS

- Python, Groovy, Java, C# .Net, Tosca
- GitHub, GitLab, TFS, Azure DevOps
- Cucumber, BDD, TDD, TestNG
- Selenium Webdriver, UFT, Soap UI, Ranorex
- Postman, Soap UI, Rest Assured, Rest Sharp
- Selenium Webdriver, Selenium Grid
- Jenkins, Maven

COURSES & CERTIFICATIONS

- Hero Vired - Certificate Program in DevOps and Cloud Engineering
- Microsoft - Microsoft Azure Fundamentals
- Microsoft - Microsoft Azure Administrator
- Microsoft - Developing Solutions for Microsoft Azure
- Microsoft - Designing & Implementing Microsoft DevOps Solutions
- Microsoft - Microsoft Azure Security Technologies
- Microsoft - Azure Solutions Architect Expert
- Tosca - Certified Automation Specialist Level II
- ISTQB Certified

PROJECTS MANAGED

Travel Memory (Full Stack Application)

- The Travel Memory application has been developed using the MERN stack.
- Set up the backend running on Node.js.
- Configured the front end designed with React.
- Make sure and test communication between the front end and back end.
- Deployed this application on an Amazon EC2 instance.
- Facilitated load balancing by creating multiple instances of the application.
- Connected a custom domain through Cloud flare.

PROFILE SUMMARY

- Over 10+ years of experience as **DevOps Engineer** and Cloud Management in all phases of SDLC like Analysis, Design, Development, Deploying, Testing and Maintenance of various web based applications.
- Exhibited knowledge and understanding of in AWS Cloud platform with features EC2, VPC, ELB, Auto-Scaling, Security Groups, IAM, Lambda Function, EBS, AMI, RDS, S3, SNS, SQS, Cloud Watch and Cloud Formation.
- Have good knowledge on **software testing methodology and best practices** while maintaining and enforcing quality standards.
- **Have good practice** on automation testing, Selenium, Java, C#, BDD Cucumber, BDD Specflow, TestNG, SQL Server, API, Postman, Rest Assured, Rest Sharp, Ranorex, Visual Studio, Eclipse, IntelliJ, and Git.
- **Proficient in leading & mentoring teams** in resolving cloud services issues and implementing automation frameworks from scratch, resulting in improved efficiency and productivity.

WORK EXPERIENCE

Since Jul'22: BNY Mellon Technology, Pune - DevOps Engineer

- Configured Continuous Integration by setting up Build and test automation jobs in Jenkins by pointing to Orchestration and UI layer repositories in GitLab.
- Creating new build jobs, integration testing jobs and deploy jobs in Jenkins to automate the process.
- Designed and deployed AWS solutions using EC2, S3, RDS, EBS, ELB, and Auto Scaling Groups.
- Performed application server builds in EC2 environment and monitoring them using Cloud Watch.
- Experience in writing Docker files to build the microservice applications.
- Used Docker Container to package the applications and deploy them on the web logic server.
- Used Shell scripts to automate the deployment process.
- Demonstrating expertise in continuously implementing automation frameworks, such as BDD Cucumber, BDD Specflow, TestNG, and Hybrid modules.

Sep'20-Jul'22: Capita Pvt Ltd, Pune - DevOps Engineer / SDET

- Analyze and resolve conflicts related to merging of source code in Azure Repository Git branches.
- Implemented automation framework using C# language, employing the BDD Specflow approach, and utilizing the Selenium tool specifically leveraging the Page Object Model (POM) design pattern.
- Actively worked on Microsoft Azure Cloud activities, including Azure DevOps, ADO Pipeline, and the implementation of Self-hosted pipeline agents on servers and hosted CI/CD pipelines in Azure DevOps.
- Gained Hands and experience in Azure DevOps along with completing 7 Microsoft Azure certification to get knowledge till Solution Architect level.
- Assisted team members in resolving technical issues, fostering a collaborative and supportive work environment.
- Engaged in collaboration with higher management in recruitment of technical resources.

Nov'18-Jul'20: Fiserv India Pvt Ltd, Pune - DevOps Engineer/Senior Automation Engineer

- Build, manage and continually improved build infrastructure including implementation of build scripts, continuous integration infrastructure and deployment tools.
- Deployed applications to application servers in an agile continuous integration environment and also automate the whole process.
- Installed Jenkins, Created deployment jobs for various projects.
- Involved in editing existing Maven files in case of errors or changes in projects.

CICD Project (Web Based Application)

- Implemented complete CICD pipeline using Bash, python and Crontabs.
- Pushed entire application to GitHub.
- Set up Amazon EC2 instance and install Nginx server on it.
- Wrote a python script to check for New Commits to GitHub.
- Wrote Bash script to deploy code on EC2 instance.
- Set up Cron job to run python script at regular intervals.
- Made a new commit to GitHub on this application and verified new commit changes deployed automatically in Nginx server on EC2 instance.

Docker Containerization (Web Based Application)

- Wrote Docker file and created Docker image.
- Build the Docker image using the Docker file.
- Created new public repository on AWS ECR and pushed image.
- Run Container on AWS ECS.

CMSS

- Mortgage domain with broker application with one backend application to handle end-to-end application journey.
- Role involved managing AWS infrastructure for application deployment, implementing CI/CD pipelines, and ensuring high availability and security throughout the application lifecycle.

Electronic Payment

- Implemented major project, providing rich UI experience to clients with over 3000 bankers in the U.S. using this product.
- Focused on automating deployment processes and integrating AWS services to enhance scalability and reliability, ensuring smooth operation and minimal downtime.

Cover-all Insurance

- Comprehensive software to computerize insurance policy, useful for any insurance company involving functionalities like billing, inventory, accounting, insurance policy records, and history.
- Engaged in designing automated testing frameworks and managing cloud infrastructure to support the deployment of critical insurance applications.

Feb'14-Oct'18: Synechron Technology Pvt Ltd, Pune – Build & Release Engineer /

Automation Engineer

- Developed and maintained shell scripts for build and release task.
- Developed UNIX scripts for the purpose of manual deployment of code on different environments.
- Automated the process of deployment Nginx Server using scripts.
- Used maven as build tool on java projects for development of build and release software.
- Deployed java applications into Apache Tomcat Application server.
- Designed and document CIC/CD tools configuration management.
- Performed builds of various environments like QA, Integration, UAT and production environment.
- Coordinated with developers, Business Analysts and Managers that make sure that code is deployed in production environment.
- Actively applying knowledge in API automation testing using the Postman tool, Rest Assured, and Rest Sharp libraries in both Java and C# languages.
- Performed regression testing using Selenium with both data-driven and hybrid-driven approach frameworks.
- Implemented test scripts employing the Page Object Model (POM) design pattern.
- Executed regression testing using the page factory model and conducted tests on web applications using Java language and TestNG.
- Utilized Selenium Grid tool to execute test cases, efficiently distributing them across various machines for parallel and cross-browser testing.
- Effectively managed TestNG annotations during the implementation of test scripts.
- Collaborated with HSBC Software Development India Pvt Ltd (Client Location), contributing to projects involving Selenium and Tricentis Tosca tools within HSBC Bank.

EDUCATION

2013: B.E. (Computer Science), Pune University

PERSONAL DETAILS



<http://www.linkedin.com/in/pankajgacche>



<https://github.com/PankajGacche>

Date of Birth: 30th September 1989

Languages Known: English, Hindi and Marathi

Address: Pune, Maharashtra