ANKUR SAXENA

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OBJECTIVE

With over 11 years of experience in Industrial Automation and software development with a focus on DevOps practices (AWS certified), I am proficient in designing and implementing automated deployment pipelines, disaster recovery plans, and configuration management systems. My collaborative approach with development teams has led to the successful implementation of security measures and performance tuning procedures, resulting in a significant reduction in security incidents. I am adept at maintaining OpenShift environments for Development and Testing while leading testing activities related to refinement based on requirements, including both Backend and UI automation.

55EXPERIENCE & SKILLS

SKILLS & COMPETENCIES

- CI/CD pipeline development and implementation (Azure, AWS)
- Infrastructure as Code (IAC) – AWS Terraform
- Monitoring and alerting systems – AWS CloudWatch
- Scripting for system automation – BDD API automation, Cucumber JavaScript-based UI automation
- Collaboration with development teams
- Cloud computing platforms (e.g., AWS, Azure)
- Containerization technologies (e.g., Docker, Kubernetes)
- Configuration management tools (e.g., Ansible, Puppet, Chef)
- Version control systems (e.g., Git, SVN)
- Scripting languages (e.g., Python, Bash, PowerShell)
- Networking and security fundamentals

PROJECT DETAILS (CURRENT EMPLOYER DETAILS)

Project Title   - APS (Advance Planning and Scheduling Micro Service based web App) – Project-2
Employer   - Siemens PLM software
Duration   - July 2020 – Present.
Role   - Ops Referent

ROLES AND RESPONSIBILITIES

- Set up Development and testing framework on OpenShift Kubernetes environment.
- Maintained CI and Release pipeline for Docker image deployments.
- Implemented BDD Test, Integration test, System Test, User acceptance test, API test.
- Maintained code coverage (>80%) and created UI Auto tests for scenario automation.
- Agile development environment with 15-day sprint cycles.

PROJECT DETAILS (CURRENT EMPLOYER DETAILS)

Project Title   - Factory automation (ADNX-Automation Designer) – Project-1
Employer   - Siemens PLM software
Duration   - July 2015 – 2020.
Role   - Functional / Application Tester (Technology Lead)
Software   - Electrical Line Design, E plan, AutoCAD

ROLES AND RESPONSIBILITIES

- Developed industry-based workflows for software functionality checks.
- Checked all newly created Changed packages and integrated them into the main code.
- Worked on UI automation, ensuring consistent user interface testing.
- Utilized Jenkins to create multiple jobs for running over 4000 auto tests on multiple machines, optimizing test efficiency.
- Created bash scripts to automate daily processes related to test result collection, streamlining workflow and improving productivity.

PROJECT DETAILS (LAST EMPLOYER DETAILS)

Project Title   - DY Patil hospital -1600 bed (Design and Implement Full distribution system including ELV)
Client   - DY Patil hospital
Employer   - Newton Power
Duration   - July 2013 – June 2015.
Role   - Design / Consultant (Principal Design Engineer)
Software   - E plan , AutoCAD

PROJECT DETAILS (LAST EMPLOYER DETAILS)

Project Title   - NAMCO steel Plant (Green Field Project)
Employer   - Namco Steels
Duration   - April 2012 – July 2013.
Role   - Junior Manager (Electrical and Automation)

PROJECT DETAILS (LAST EMPLOYER DETAILS)

Project Title   - Retrofitting jobs for 16 220KV Breakers (MSEB)
Client   - Signet Products Private Ltd.
Duration   - April 2011 – Mar 2012.
Role   - Service Engineer

EDUCATIONAL BACKGROUND

Institute of Engineering and Science, Institute of Profession Studies College Indore Madhya Pradesh, India
Rajiv Gandhi Technical University, Bhopal (India)
Percentage Marks: 63.8%
Year of Completion: 2009