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# Deepika Naik

Junior DevOps Engineer

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## Synopsis:

Software developer with overall 2.5 years of experience in XPath and DevOps. Exposure to multiple key areas like HTML, Python, Amazon AWS Cloud services and DevOps functionalities. Proficient knowledge on the above-mentioned services, managing the assigned tasks and completed “AWS solution architect and DevOps engineer” professional certification.

## Key Skills:

- Proficient knowledge and expertise in HTML, XPath, Amazon AWS Cloud services and DevOps functionalities
- The building, deploying, and operating the software.
- Skilled in Configuration Management tools like Ansible.
- Exposure to Containerization tools like (Docker, Kubernetes).
- Networking Fundamentals (TCP/IP, DNS, Load Balancing).
- Good knowledge of source code management (version control system) tools like Git, Ansible and Docker
- Proficient in developing continuous integration / delivery pipelines.
- Experience with automation/integration tools like Jenkins, Jira, and Maven build frameworks
- Knowledge of major cloud service providers like AWS.
- Experience in data extraction mechanism from html pages
- Worked/working on various tools/platforms like JIRA, Git and GitHub, Jenkins, ci/cd pipeline, Ansible, AWS and Docker

## Work Experience:

**Manipal Dot Net Pvt. Ltd., Manipal (Dec 2020- Till date)**

*Work Profile-*

*Junior DevOps Engineer – July'2022 – Till date)*

- Knowledge in Amazon AWS Cloud services – including EC2, S3, VPC, RDS, IAM and Router 53, Auto Scaling, Security groups.
- Collaborating with development, testing and deployment teams to ensure smooth software delivery processes.
- Planning out projects and being involved in projects management decisions.
- Identifying technical problems and developing software updates and fixes

- Testing and examining code written by others and analyzing results.
- Writing specification documents
- Collaborating with developers and other IT colleagues to oversee code releases.
- Understanding the needs of stakeholders and conveying this to developers
- Assessing current systems and process and developing ways to improve them.
- Worked on automation/ integration tools like Jenkins.

#### *(Web development Engineer-Dec 2020-June'2022)*

- Worked on data extraction mechanisms from html pages and their JavaScript elements using XPath.
  - Have a good understanding in Python and have worked on independent mini projects using various existing modules like face detection, speech-to-text etc.
  - Have worked on basic scripting like shell script for automation of minor tasks.
  - Implemented websites and landing pages from concept through deployment. Developed technical solutions required to accommodate specific user-facing assets.
  - Collaborated with product team members to implement new features developments.
  - Good knowledge of Source Code Management (Version Control System) tool Jira and Git..
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### **Academic qualifications:**

Master of Science (Cs) in Sep'2020 from Mangalore University, Karnataka -85.35%

### **Certification:**

**AWS solution architect and DevOps engineer**

### **Projects:**

1. Implemented a CI/CD Pipeline for a Java web application using Jenkins.
2. Integrated Jenkins with Ansible to Install Tomcat Server in Host servers.
3. CI/CD Pipeline to push the Docker image to ECR and deploy the image to Docker Server.